

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

DATE SIGNED

LICENSE EXP. DATE

REGISTRATION NO.

CALTRANS DESIGN OVERSIGHT APPROVAL

CONSULTANT DESIGN ENGINEER

INDEX OF PLANS

SHEET No.

1
2-5
15-19, 64-68
6-14, 20-63, 69-101

INDEX OF SHEETS

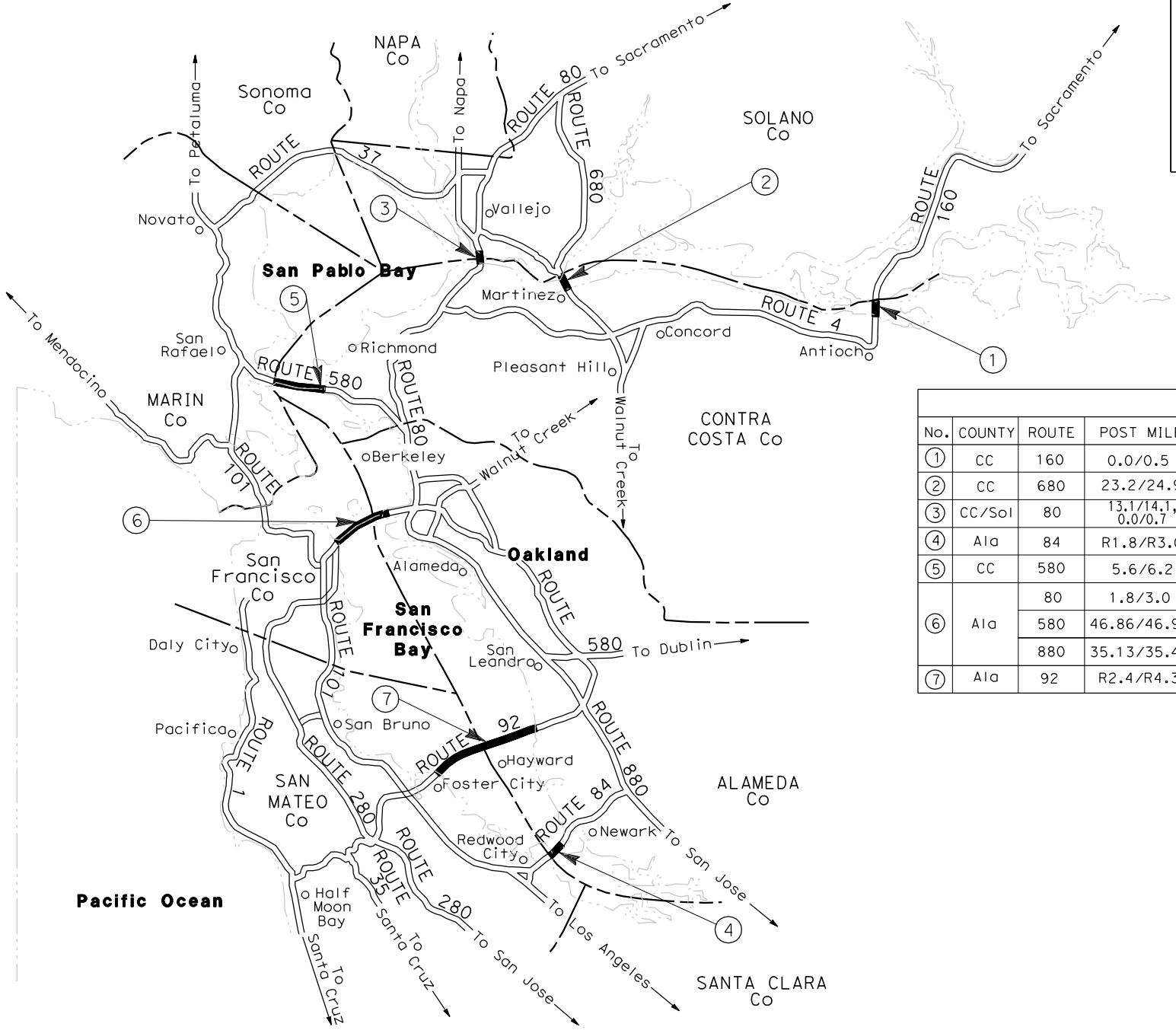
TITLE AND LOCATION MAP
KEY MAP AND LINE INDEX
PAVEMENT DELINEATION PLANS AND QUANTITIES
SIGN PLANS, DETAILS AND QUANTITIES

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN ALAMEDA, CONTRA COSTA AND SOLANO COUNTIES
ON ROUTES 80, 84, 92, 160, 580 AND 680
AT THE TOLL PLAZA SITES AND APPROACHES
(TOLLING SIGNS AND PAVEMENT DELINEATION)

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

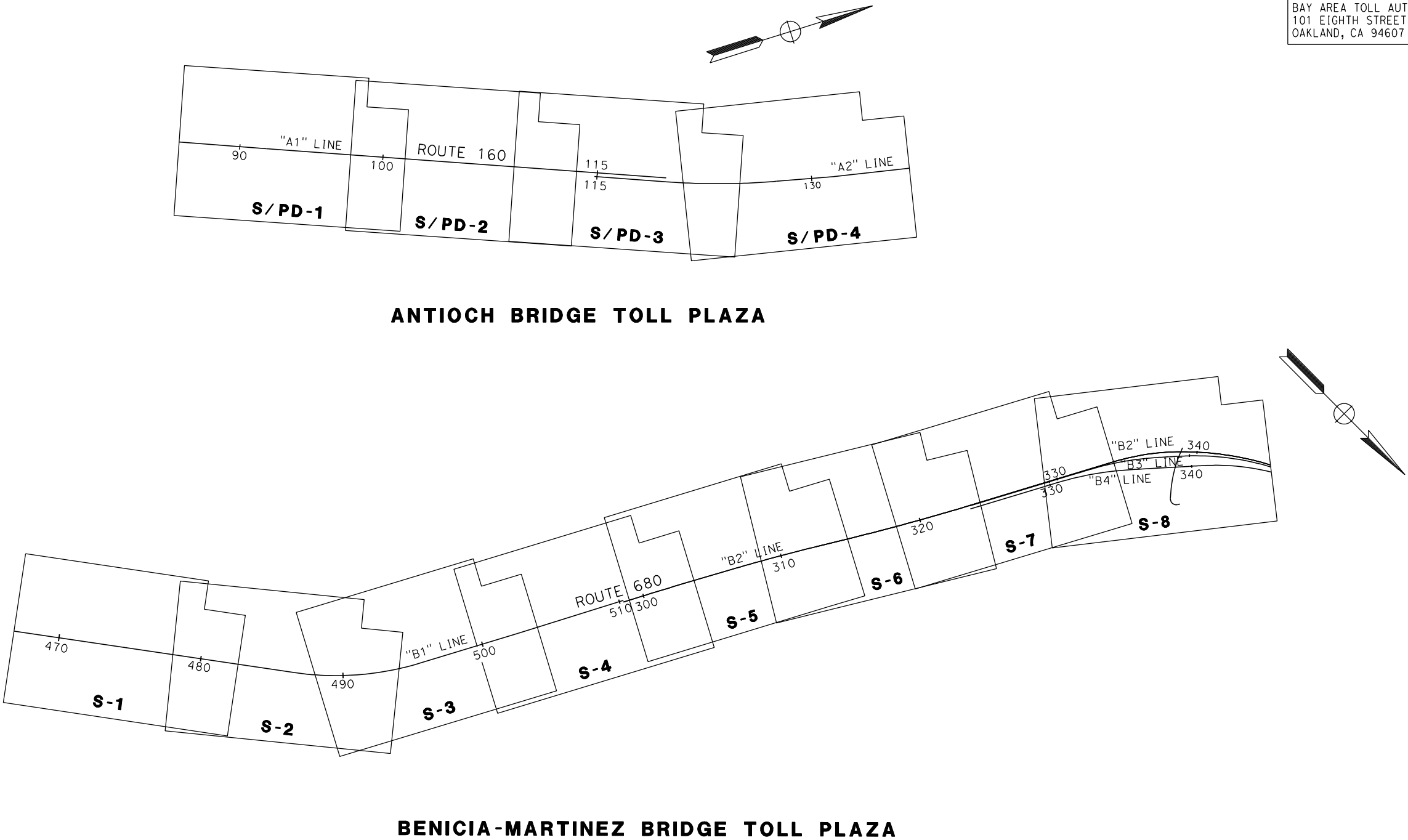
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
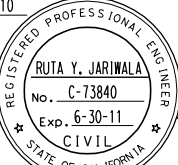
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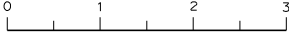
LAST REVISION

00-00-00



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	2	101
			2-5-10		
REGISTERED CIVIL ENGINEER			DATE		
February 8, 2010					
PLANS APPROVAL DATE					
<p><i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i></p>					
BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607			URS CORPORATION 55 S. MARKET STREET SUITE 1500 SAN JOSE, CA 95113		

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ... \01a_Keymap\43A675da001.dgn

SCALE 1"=800'

K-1

BATA-005

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

DATE PLOTTED => 2/8/2010

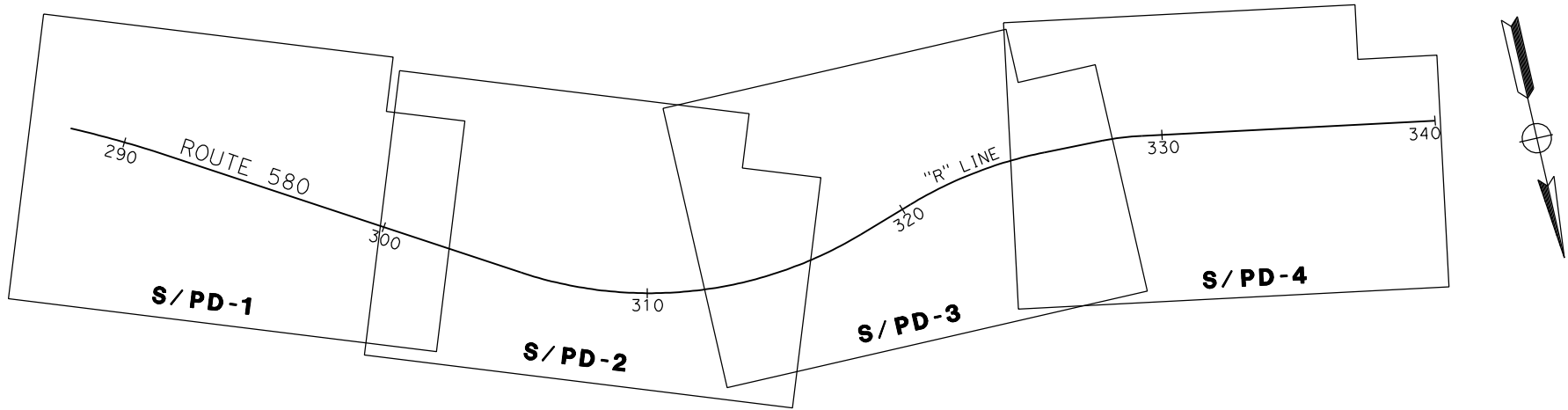
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LAST REVISION

00-00-00

00-00-00

00-00-00



RICHMOND - SAN RAFAEL BRIDGE TOLL PLAZA



SAN FRANCISCO - OAKLAND BAY BRIDGE TOLL PLAZA

RICHMOND-SAN RAFAEL BRIDGE
SAN FRANCISCO-OAKLAND BAY BRIDGE

KEY MAP AND LINE INDEX

SCALE 1"=600'

K-3

RELATIVE BORDER SCALE
IS IN INCHES

USERNAME => beshoy_demyan
DGN FILE => ...\\01a_Keymap\\43A675da003.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	4	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			REGISTERED PROFESSIONAL ENGINEER RUTA Y. JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607			URS CORPORATION 55 S. MARKET STREET SUITE 1500 SAN JOSE, CA 95113		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	5	101

REGISTERED CIVIL ENGINEER

2-5-10

DATE

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA Y. JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

URS CORPORATION
55 S. MARKET STREET
SUITE 1500
SAN JOSE, CA 95113

ROUTE 92

370 380 390 400 410 420

"SM1" LINE

S-1 S-2 S-3 S-4 S-5

MATCHLINE BELOW

MATCHLINE ABOVE

430 440 450 460 470 480 490

S-6 S-7 S-8 S-9 S-10 S-11

ROUTE 92

"SM1" LINE

SAN MATEO BRIDGE TOLL PLAZA

SAN MATEO BRIDGE
KEY MAP AND LINE INDEX

SCALE 1"=600'

K-4


RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

USERNAME => beshoy_demyan
DGN FILE => ... \01a_keymap\43A675da004.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:50:26 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY	NELSON HOM	REVISED BY	
	RAMSEY, HISSEN					
			CHECKED BY	RUTA JARIWALA	DATE REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

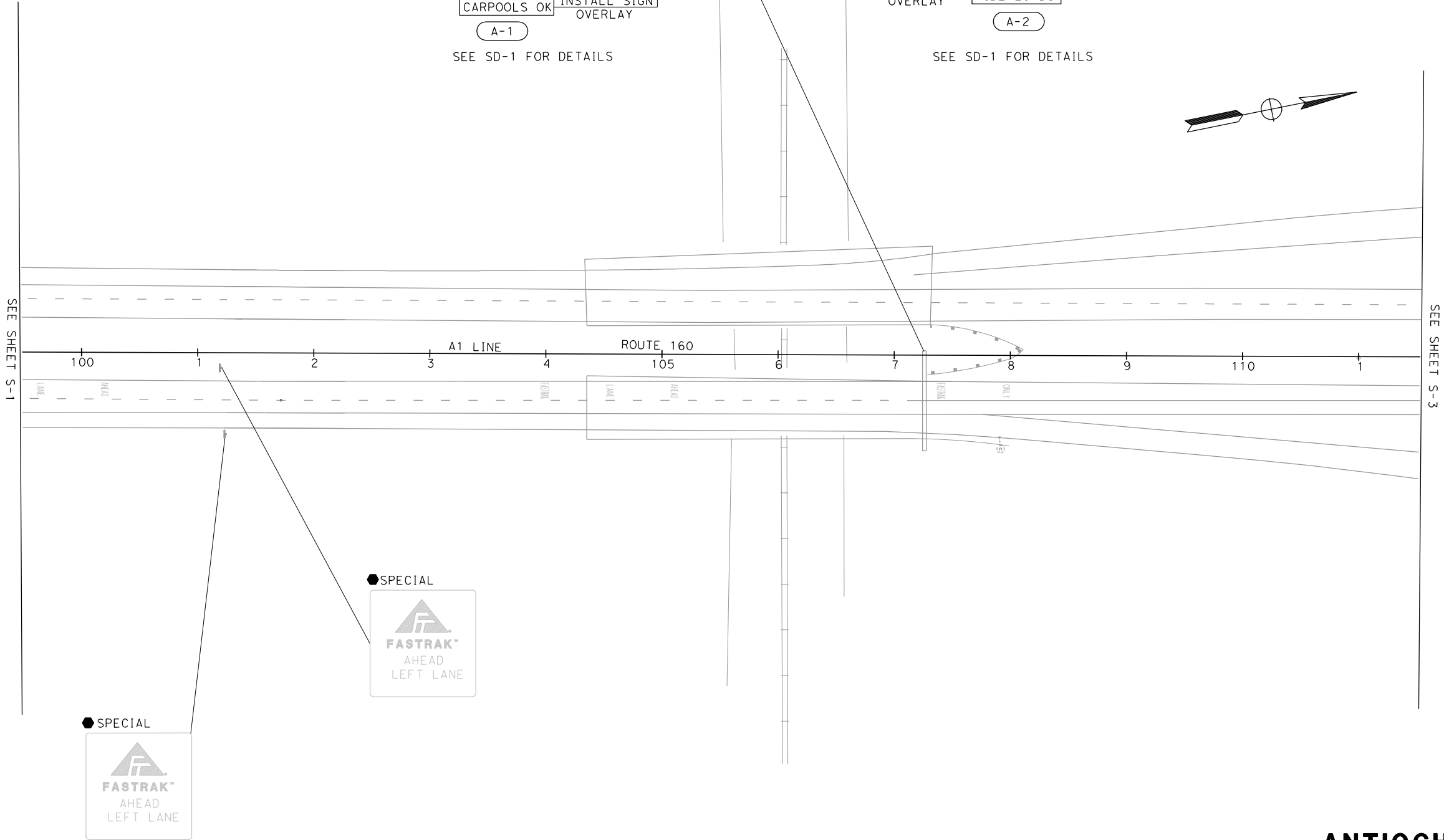


SPECIAL



CARPOOLS OK
A-1
SEE SD-1 FOR DETAILS

INSTALL SIGN
OVERLAY
WIDE LOADS
A-2
SEE SD-1 FOR DETAILS



ANTIOCH BRIDGE
TOLLING SIGN PLANS


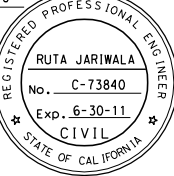
SCALE: 1"=50' S-2

THIS PLAN ACCURATE FOR SIGN WORK ONLY.


RELATIVE BORDER SCALE
IS IN INCHES

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BATA-005

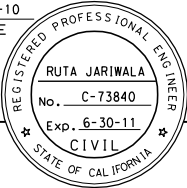
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	7	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010			PLANS APPROVAL DATE		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	CC	160	0.0/0.5	8	101


 _____ 2-5-10
 REGISTERED CIVIL ENGINEER DATE

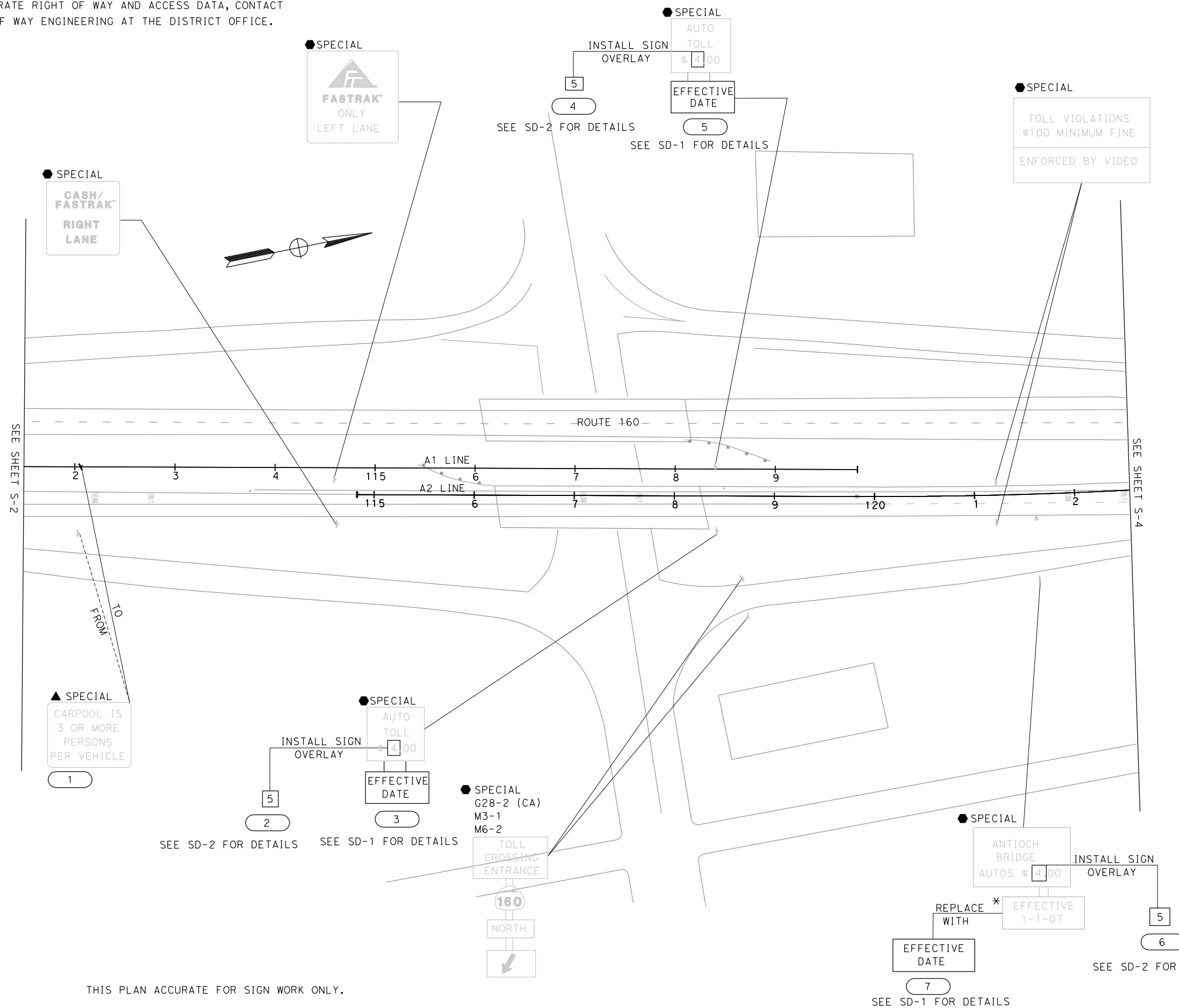
February 8, 2010

PLANS APPROVAL DATE



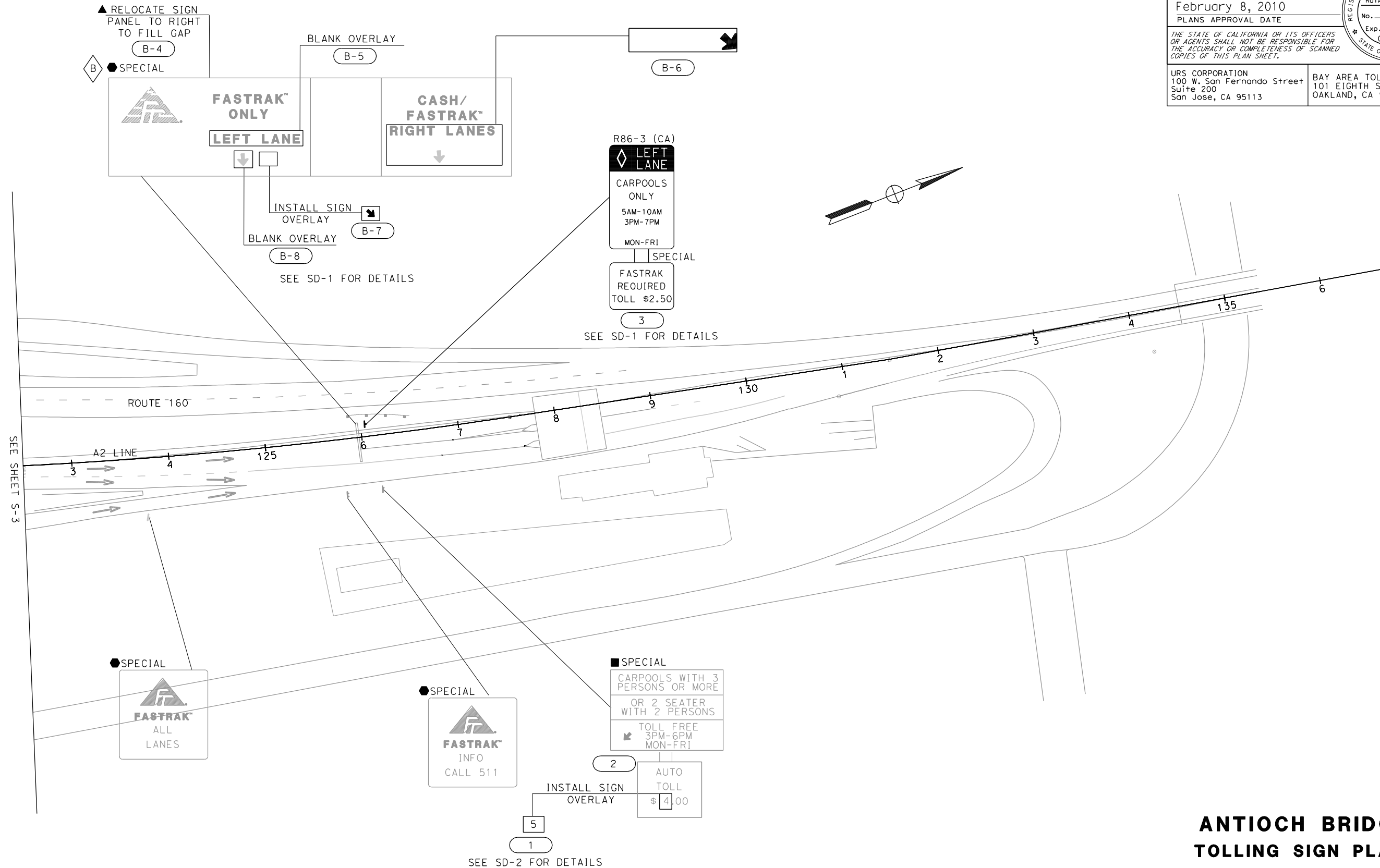
*THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
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
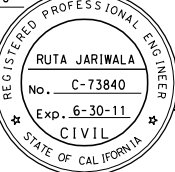
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
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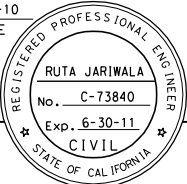


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	REVISION	DATE	BY	CHECKED BY	DESIGNED BY	SUPERVISOR	REVISION	DATE	BY	CHECKED BY	DESIGNED BY	SUPERVISOR

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	9	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

USERNAME => beshoy_demyan
DGN FILE => ... \02_antioch\Signs\ANT-04.dgn

BATA-005

SCALE: 1"=50' S-4

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 2:58:03 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

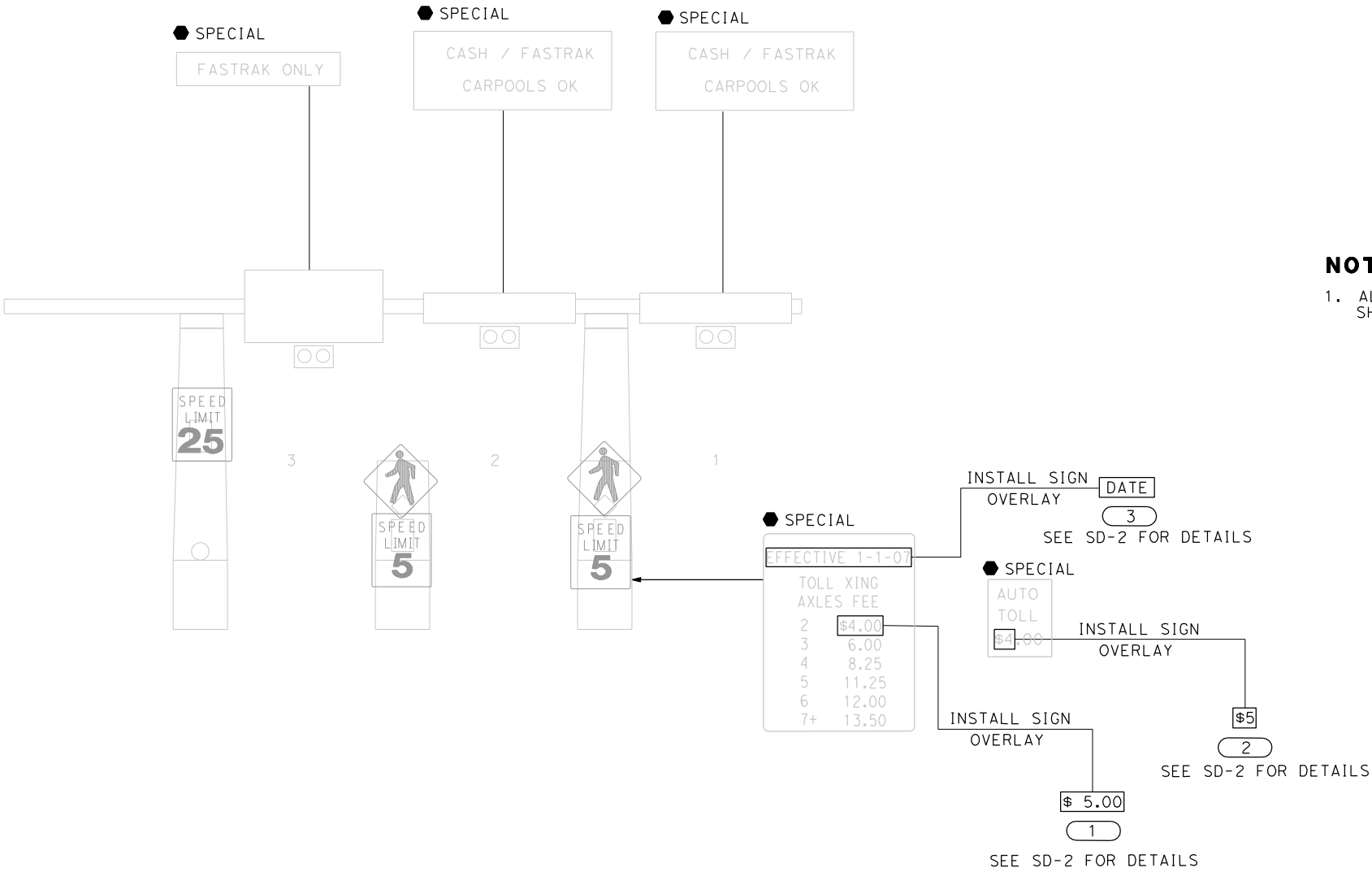
REVISOR

DATE

REVISOR

DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS
SHALL BE CHANGED AS SHOWN.

ANTIOCH BRIDGE
TOLLING SIGN PLANS

NO SCALE S-5

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	10	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

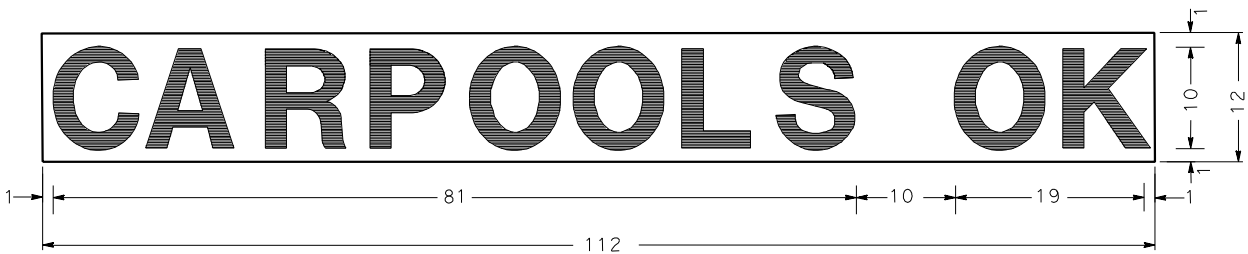
Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

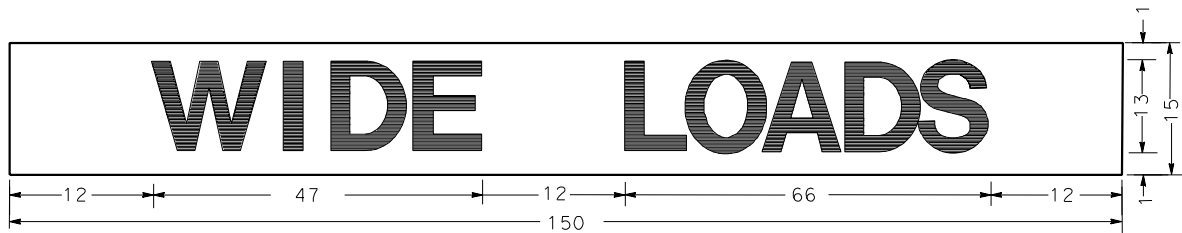
URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607



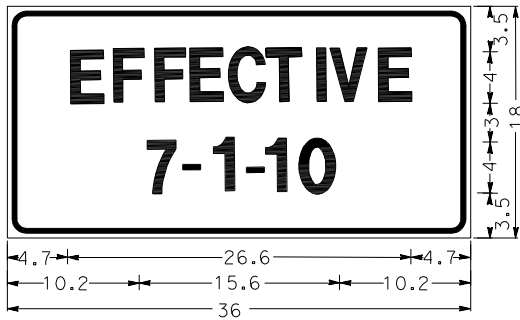
NO BORDER, NONE ON YELLOW;
[CARPOOLS OK] BLACK E MOD;

SIGN A-1 ON S-2



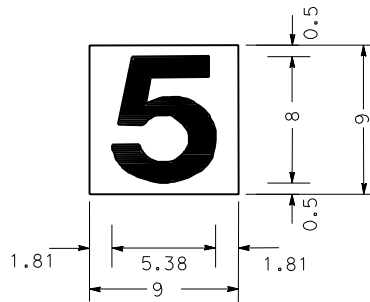
NO BORDER, NONE ON WHITE
[WIDE LOADS] BLACK E Mod;

SIGN A-2 ON S-2



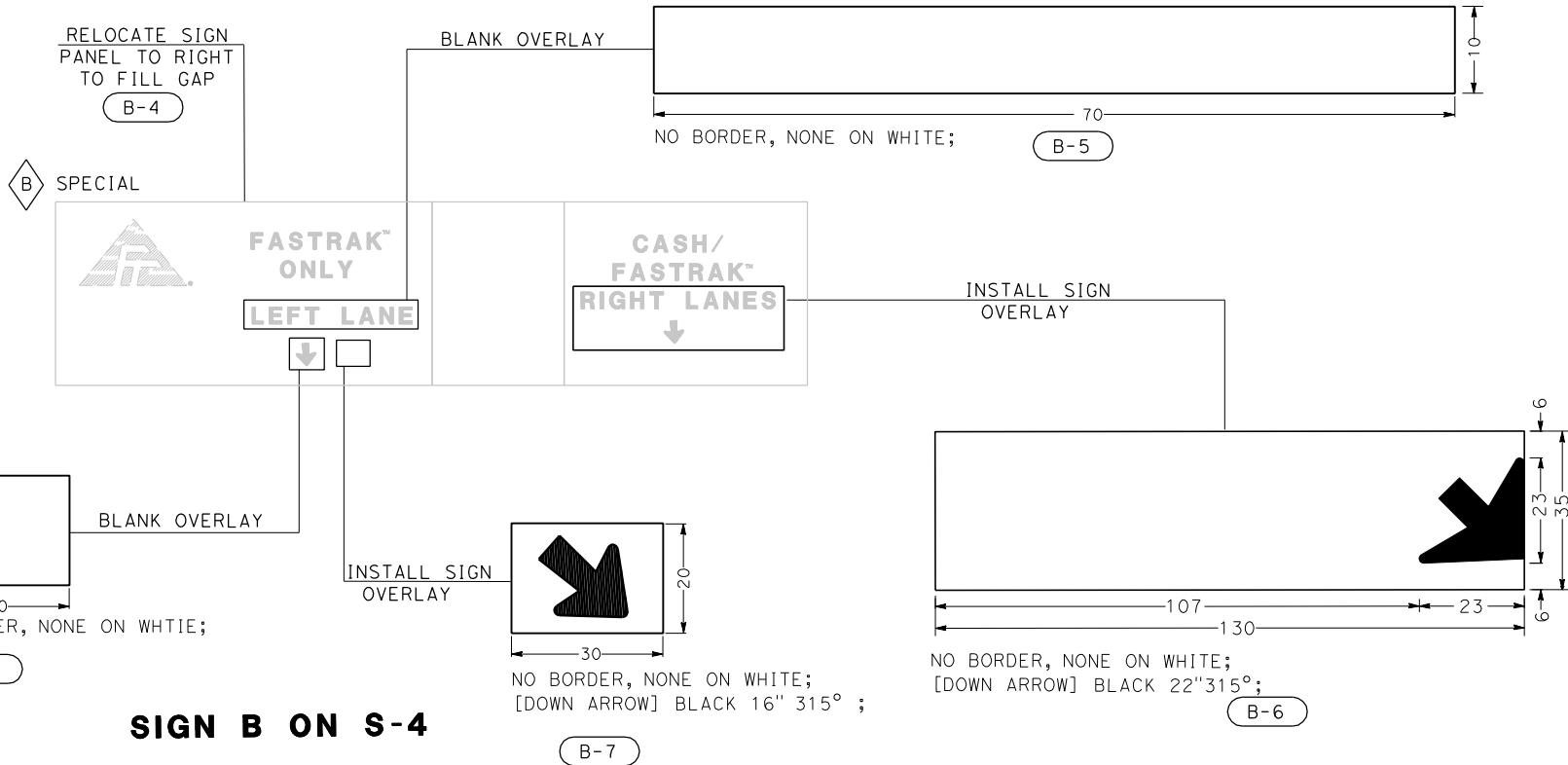
1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON WHITE;
[EFFECTIVE] D; [7-1-10] D;

- SIGN 2 ON S-1
- SIGN 4 ON S-1
- SIGN 3 ON S-3
- SIGN 5 ON S-3
- SIGN 7 ON S-3



NO BORDER, NONE ON WHITE;
[5] BLACK D;

SIGN 1 ON S-1
SIGN 3 ON S-1




NOTE A: CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING THIS SIGN UNTIL JUNE 30, 2010 AT WHICH TIME CONTRACTOR SHALL UNCOVER IT FOR A JULY 1, 2010 EFFECTIVE DATE.



1.9" RADIUS, 0.8" BORDER, 0.5" INDENT, BLACK ON WHITE;
"FASTRAK" C; "REQUIRED" C; "TOLL \$2.50" C;

SIGN 5 ON S-1 (REFER NOTE A)
SIGN 3 ON S-4 (REFER NOTE A)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	CC	160	0.0/0.5	11	101



2-5-10
DATE

REGISTERED PROFESSIONAL ENGINEER

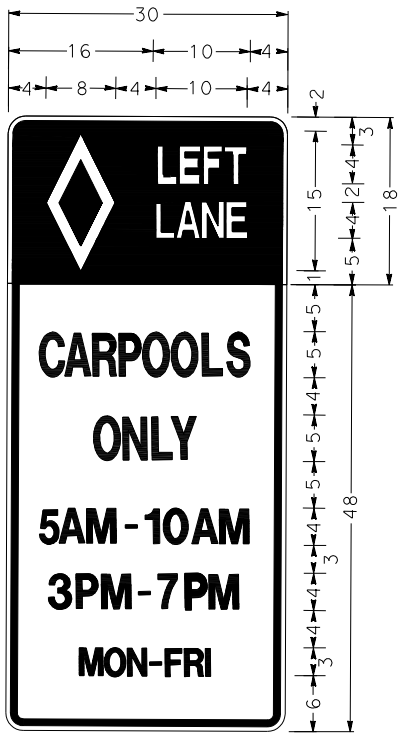
RUTA JARIWALA
No. C-73840
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---



2" RADIUS, 1" BORDER, WHITE ON BLACK;
SYMBOL RG005; [LEFT] C;
[LANE] C;
2" RADIUS, 1" BORDER, 1" INDENT, BLACK ON WHITE;
[CARPOOLS] B;
[ONLY] B; [5AM-10AM] C;
[3PM-7PM] C;
[MON-FRI] C;

SIGN 3 ON S-4

ANTIOCH BRIDGE
SIGN DETAIL

NO SCALE

SD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

NELSON HOM

RUTA JARIWALA

REVISED BY

DATE REVISED

OVERHEAD SIGN QUANTITIES

SHEET No.	SIGN No.	SUB SIGN No.	SIGN CODE	PANEL SIZE	INSTALL SIGN OVERLAY (N)	RELOCATE FRAMED SIGN PANEL	REMARKS
				FT x FT	EA	EA	
S-2	A	A-1	SPECIAL	9.33 x 1.00	1		OVERLAY "ONLY" WITH "CARPOOLS OK"
S-2	A	A-2	SPECIAL	12.50 x 1.25	1		OVERLAY "CARPOOLS OK" WITH "WIDE LOADS"
S-4	B	B-4	SPECIAL			1	RELOCATE SIGN PANEL TO RIGHT
S-4	B	B-5	SPECIAL	5.83 x 0.83	1		OVERLAY "LEFT LANE" WITH BLANK
S-4	B	B-6	SPECIAL	10.83 X 2.91	1		OVERLAY "RIGHT LANES ↓" WITH "↓"
S-4	B	B-7	SPECIAL	2.50 X 1.67	1		ADD "↓" TO EXISTING SIGN PANEL
S-4	B	B-8	SPECIAL	2.50 X 1.67	1		OVERLAY "↓" WITH BLANK
TOTAL					6	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	POST SIZE LENGTH (6" x 6")	ROADSIDE SIGN WOOD	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	RELOCATE ROADSIDE SIGN (WOOD POST)	REMOVE SIGN FROM ELECTROLIER	INSTALL SIGN OVERLAY (N)	REPLACE SIGN PANEL (ROADSIDE SIGN)	REMARKS	
			FT x FT		FT					ONE POST		EA
S-1	1	SPECIAL	0.75 x 0.75						1		OVERLAY "4" WITH "5"	
S-1	2	SPECIAL	3.00 x 1.50							1	REPLACE SIGN PANEL WITH "NEW DATE"	
S-1	3	SPECIAL	0.75 x 0.75						1		OVERLAY "4" WITH "5"	
S-1	4	SPECIAL	3.00 x 1.50							1	REPLACE SIGN PANEL WITH "NEW DATE"	
S-1	5	R82-1 (CA)	2.50 x 5.00	18.00	1						NEW SIGN	
		R82B (CA)	2.50 x 2.00									
		SPECIAL	2.50 x 2.00									
S-3	1	SPECIAL	-				1				RELOCATE EXISTING SIGN	
S-3	2	SPECIAL	1.08 x 1.08						1		OVERLAY "4" WITH "5"	
S-3	3	SPECIAL	3.00 x 1.50			1					ADD "EFFECTIVE DATE" TO EXISTING POST	
S-3	4	SPECIAL	1.08 x 1.08						1		OVERLAY "4" WITH "5"	
S-3	5	SPECIAL	3.00 x 1.50			1					ADD "EFFECTIVE DATE" TO EXISTING POST	
S-3	6	SPECIAL	0.92 x 0.92						1		OVERLAY "4" WITH "5"	
S-3	7	SPECIAL	3.00 x 1.50							1	REPLACE SIGN PANEL WITH "NEW DATE"	
S-4	1	SPECIAL	1.08 x 1.08						1		OVERLAY "4" WITH "5"	
S-4	2	SPECIAL	-					1			REMOVE ROADSIDE SIGN	
S-4	3	R86-3 (CA)	2.50 x 5.50	18.00	1						NEW SIGN	
		SPECIAL	2.50 x 2.00									
S-5	1	SPECIAL	-						3		OVERLAY "\$4.00" WITH "\$5.00" (FOR ALL TOLL BOOTHS)(TOTAL OF 3 SIGNS)	
S-5	2	SPECIAL	-						3		OVERLAY "\$4" WITH "\$5" (FOR ALL TOLL BOOTHS)(TOTAL OF 3 SIGNS)	
S-5	3	SPECIAL	-						3		OVERLAY "1-1-07" WITH "NEW DATE" (FOR ALL TOLL BOOTHS)(TOTAL OF 3 SIGNS)	
TOTAL						2	2	1	1	15	3	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

ANTIOCH BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-1

RELATIVE BORDER SCALE IS IN INCHES

0123

USERNAME => beshoy_demyan
DGN FILE => ...\\02_Antioch\\Signs\\ANT-SQ-1.dgn

BATA-005

Dis+COUNTYROUTEPOST MILESTOTAL PROJECTSHEET No.TOTAL SHEETS

04CC1600.0/0.513101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:18:40 PM

LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

NELSON HOM

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

04

COUNTY

CC

ROUTE

160

POST MILES
TOTAL PROJECT

0.0/0.5

SHEET
No.

14

TOTAL
SHEETS

101

REGISTERED CIVIL ENGINEER

2-5-10

DATE

February 8, 2010

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADII/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		
			SHEETING COLOR	RETRORE- FLECTIVE ASTM TYPE		SHEETING COLOR	RETRORE- FLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UNFRAMED ALUMINUM (0.063")				
									SOFT	SOFT			
S-1	1	SPECIAL	0.75 x 0.75	0.56	x	WHITE	III	BLACK	PLAIN	x		0.56	
S-1	2	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-1	3	SPECIAL	0.75 x 0.75	0.56	x	WHITE	III	BLACK	PLAIN	x		0.56	
S-1	4	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-1	5	R82-1 (CA)	2.50 x 5.00	12.50	x	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	x	12.50		
		R82B (CA)	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
		SPECIAL	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
S-2	A-1	SPECIAL	9.33 x 1.00	9.33	x	WHITE	III	BLACK	PLAIN	x		9.33	
S-2	A-2	SPECIAL	12.50 x 1.25	15.63	x	WHITE	III	BLACK	PLAIN	x		15.63	
S-3	2	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x		1.17	
S-3	3	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-3	4	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x		1.17	
S-3	5	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-3	6	SPECIAL	0.92 x 0.92	0.85	x	WHITE	III	BLACK	PLAIN	x		0.85	
S-3	7	SPECIAL	3.00 x 1.50	4.50	x	WHITE	III	BLACK	PLAIN	x	4.50		
S-4	1	SPECIAL	1.08 x 1.08	1.17	x	WHITE	III	BLACK	PLAIN	x		1.17	
S-4	3	R86-3 (CA)	2.50 x 5.50	13.75	x	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	x	13.75		
		SPECIAL	2.50 x 2.00	5.00	x	WHITE	III	BLACK	PLAIN	x	5.00		
S-4	B-5	SPECIAL	5.83 x 0.83	4.84	x	WHITE	III	-	-	x		4.84	
S-4	B-6	SPECIAL	10.83 x 2.91	31.51	x	WHITE	III	BLACK	PLAIN	x		31.51	
S-4	B-7	SPECIAL	2.50 x 1.67	4.17	x	WHITE	III	BLACK	PLAIN	x	4.17		
S-4	B-8	SPECIAL	2.50 x 1.67	4.17	x	WHITE	III	-	-	x		4.17	
S-5	1	SPECIAL	0.83 x 0.25	0.21	x	WHITE	III	BLACK	PLAIN	x		3 x 0.21 = 0.63	TOTAL OF 3 SIGNS
S-5	2	SPECIAL	1.00 x 0.75	0.75	x	WHITE	III	BLACK	PLAIN	x		3 x 0.75 = 2.25	TOTAL OF 3 SIGNS
S-5	3	SPECIAL	1.75 x 0.17	0.30	x	WHITE	III	BLACK	PLAIN	x		3 x 0.30 = 0.90	TOTAL OF 3 SIGNS
TOTAL											67.92	74.74	

ANTIOCH BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan
DGN FILE => ...\\02_Antioch\\Signs\\ANT-SQ-2.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:18:44 PM

00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	NAYAN AMIN	REVISOR	DATE
RAMSEY HUSSEN	CHECKED BY	RUTA JARIWALA	DATE	REVISOR	DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

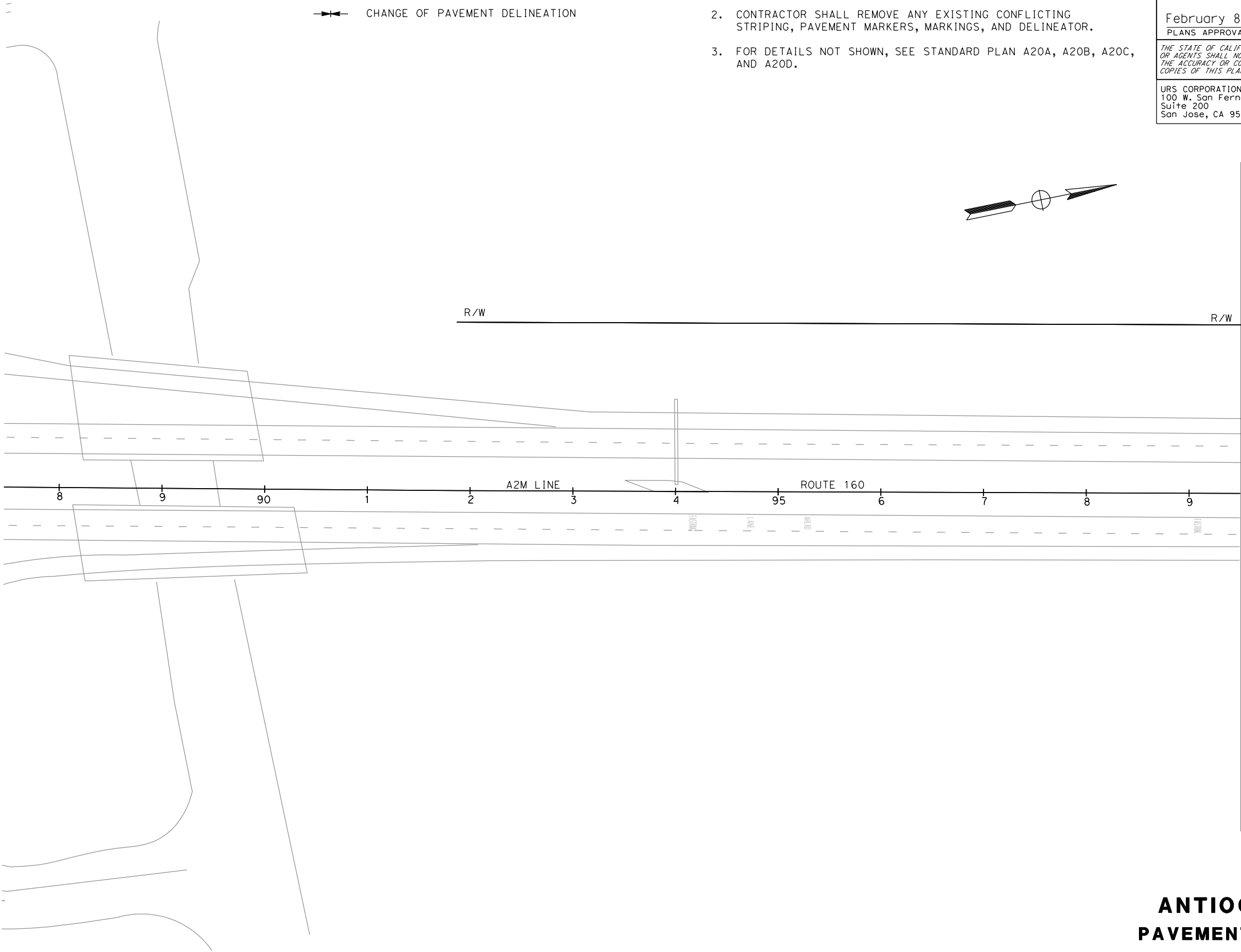
- No.

STANDARD PAVEMENT DELINEATION DETAIL NO.
- CHANGE OF PAVEMENT DELINEATION

NOTES:

1. ALL STRIPES AND PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC EXCEPT NOTED OTHERWISE.
2. CONTRACTOR SHALL REMOVE ANY EXISTING CONFLICTING STRIPING, PAVEMENT MARKERS, MARKINGS, AND DELINEATOR.
3. FOR DETAILS NOT SHOWN, SEE STANDARD PLAN A20A, A20B, A20C, AND A20D.

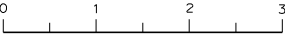
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	15	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			REGISTERED PROFESSIONAL ENGINEER RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

ANTIOCH BRIDGE
PAVEMENT DELINEATION
SCALE: 1":50'
PD-1

RELATIVE BORDER SCALE
IS IN INCHES



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DGN FILE => ... \02_antioch\pd\ANT_PD-1.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

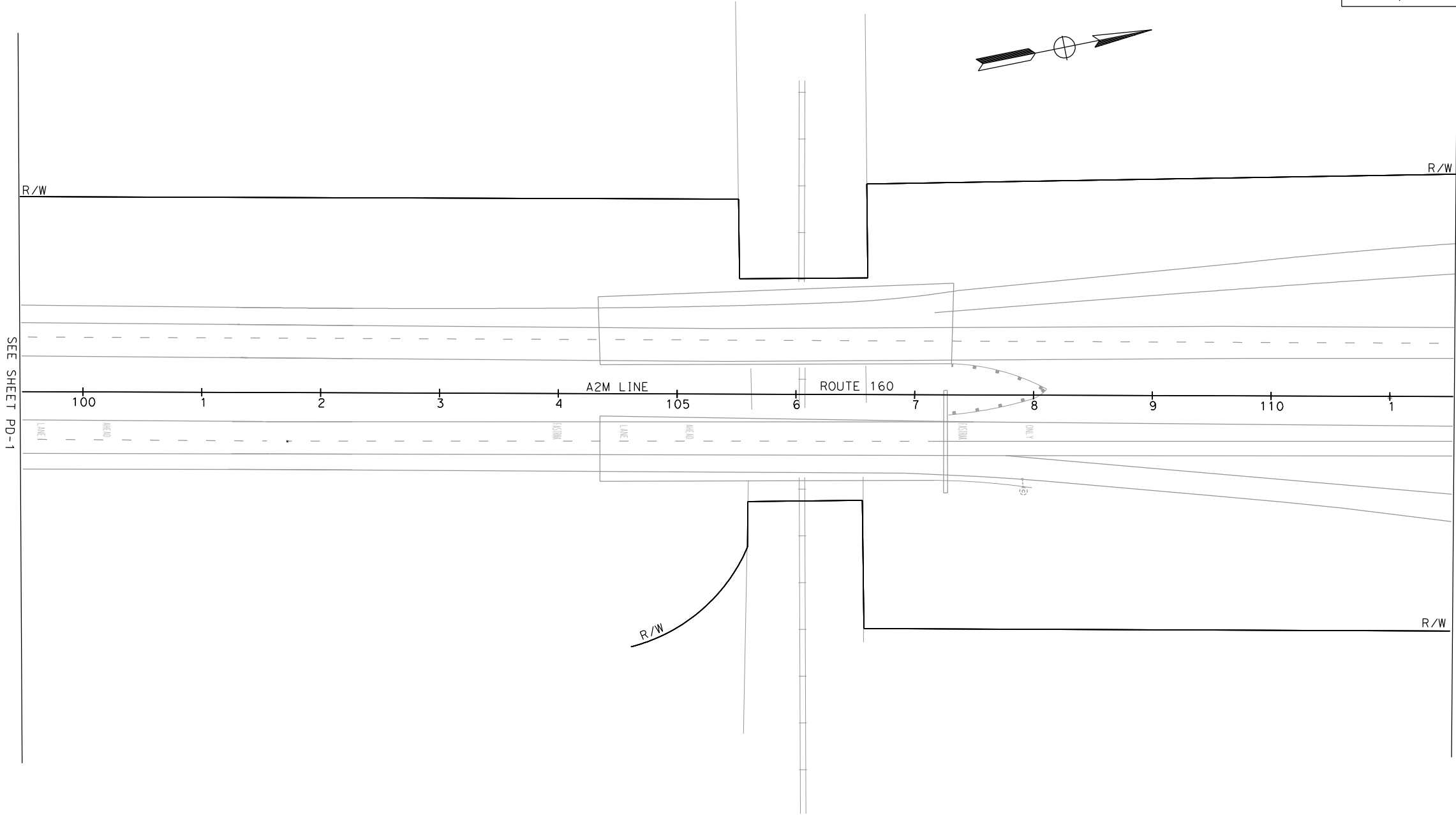
NAYAN AMIN

RUTA JARIWALA

REVISED BY

DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	16	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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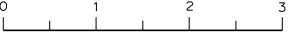
BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

ANTIOCH BRIDGE
PAVEMENT DELINEATION

SCALE: 1"=50' PD-2

RELATIVE BORDER SCALE
IS IN INCHES



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DGN FILE => ... \02_antioch\pd\ANT_PD-2.dgn

BATA-005

LAST REVISION
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DATE PLOTTED => 2/8/2010
TIME PLOTTED => 2:55:42 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

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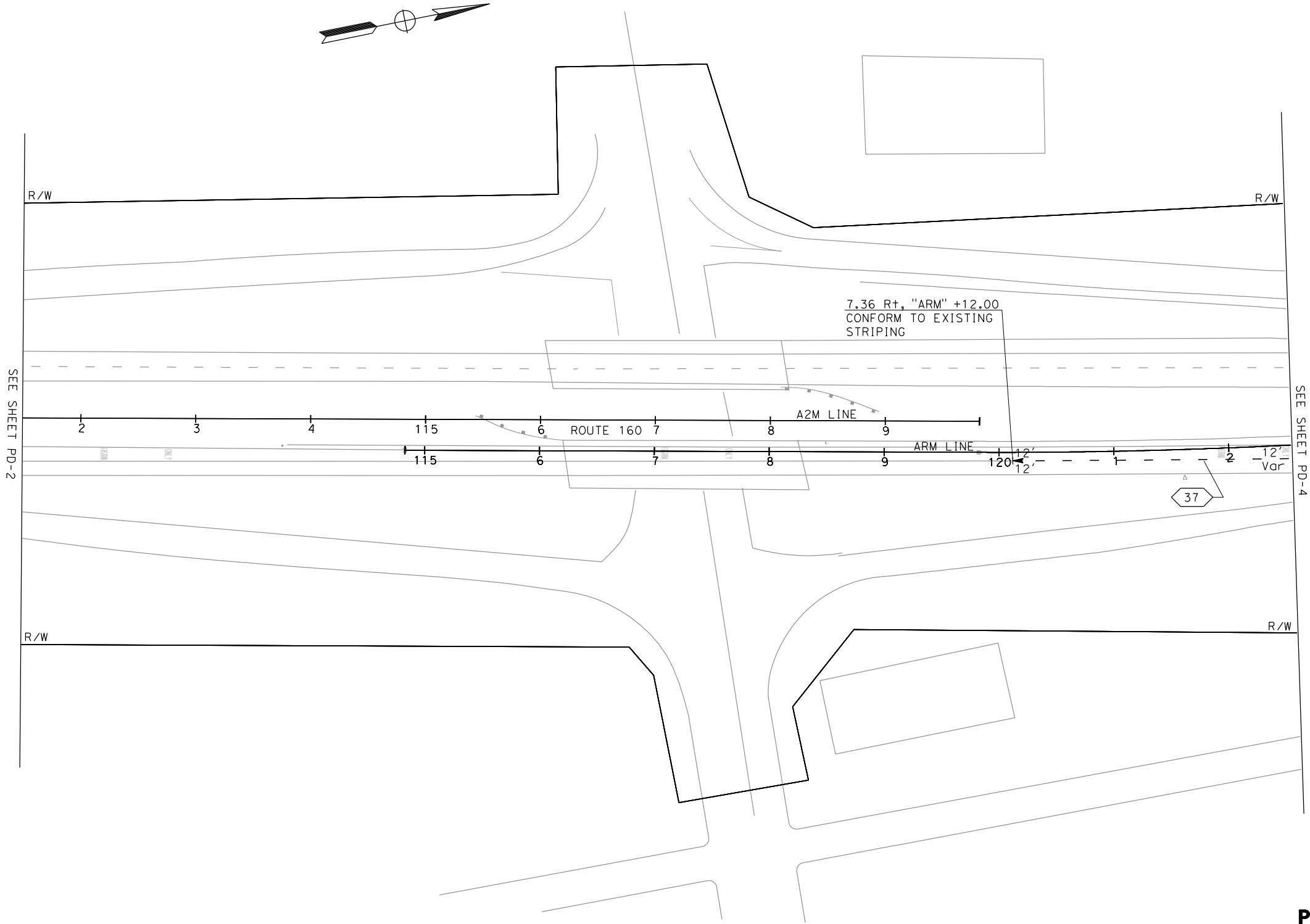
NAYAN AMIN

RUTA JARIWALA

REVISED BY

DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	17	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

ANTIOCH BRIDGE
PAVEMENT DELINEATION

SCALE: 1"=50' PD-3



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DGN FILE => ... \02_antioch\pd\ANT_PD-3.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	CALCULATED-DESIGNED BY	REVISOR	DATE
RAMSEY HUSSEN	NAYAN AMIN	RUTA JARIWALA			

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	160	0.0/0.5	18	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
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URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

REGISTERED PROFESSIONAL ENGINEER

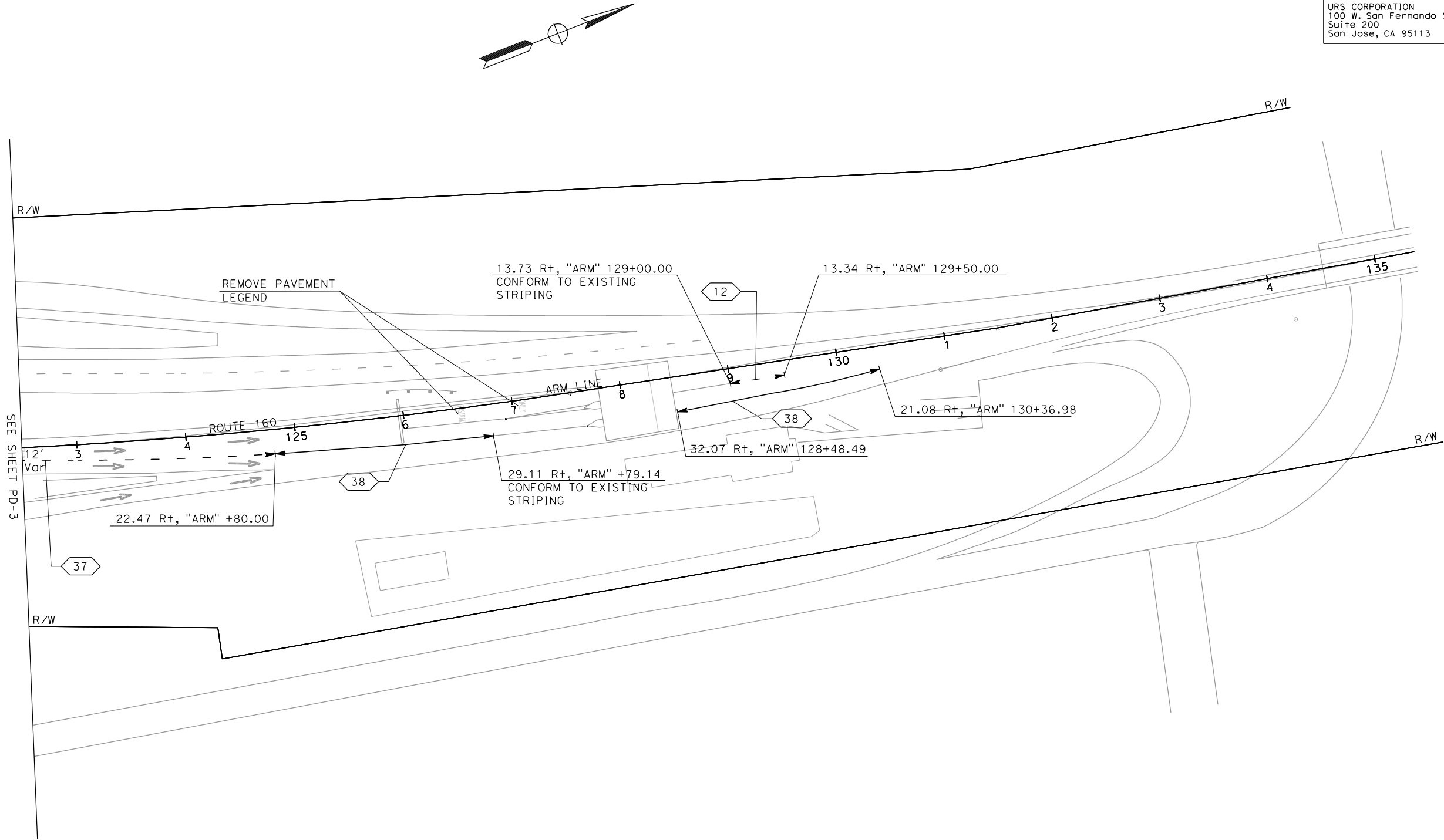
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



ANTIOCH BRIDGE
PAVEMENT DELINEATION
SCALE: 1":50' PD-4

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY


NAYAN AMIN

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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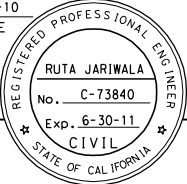


REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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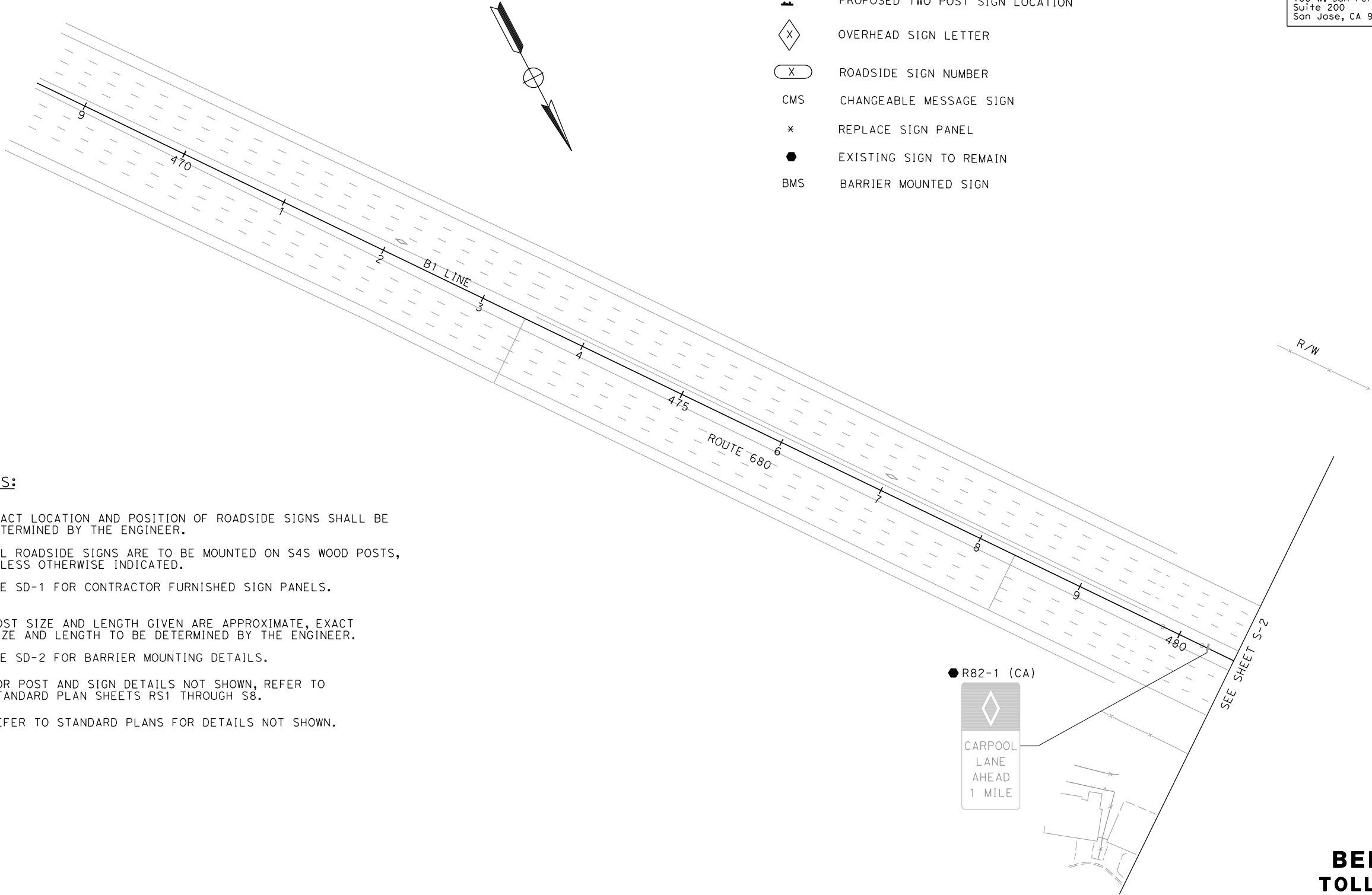
PAVEMENT DELINEATION QUANTITIES

SHEET No.	STATION LIMITS	LOCATION	DETAIL NO. OR PAVEMENT MARKING	LENGTH [FT]	PAVEMENT MARKER		THERMOPLASTIC PAVEMENT STRIPE			REMOVE		
					RETRO- REFLECTIVE		12, 13M, 14M	37, 37B	38, 38A, 38B	THERMO- PLASTIC TRAFFIC STRIPE	PAVEMENT MARKER	PAVEMENT MARKING
					TYPE C	TYPE G	4" WHITE (BROKEN 36 ft - 12 ft)	8" WHITE (BROKEN 12 ft - 3 ft)	8" WHITE SOLID	WHITE	ALL TYPES	ALL TYPES
					EA	EA	LF	LF	LF			
PD-3	"ARM" 120+12.00 TO 122+50.00 NB	R+	37	238		18		238		238	18	
PD-4	"ARM" 122+50.00 TO 124+80.00 NB	R+	37	230	8	10		230		230	18	
	"ARM" 124+80.00 TO 126+79.14 NB	R+	38	199		9			199	199	9	
	"ARM" 129+00.00 TO 129+50.00 NB	R+	12	50		2	50			50	2	
	"ARM" 128+48.49 TO 130+36.98 NB	R+	38	188		9			188	188	9	
	"ARM" 126+49.00 TO 127+13.00 NB	R+	"FASTRAK ONLY"									65
TOTAL					8	48	50	468	388	906	56	65

ANTIOCH BRIDGE
PAVEMENT DELINEATION QUANTITIES

PDQ-1

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



NOTES:

1. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL ROADSIDE SIGNS ARE TO BE MOUNTED ON S4S WOOD POSTS, UNLESS OTHERWISE INDICATED.
3. SEE SD-1 FOR CONTRACTOR FURNISHED SIGN PANELS.
4. POST SIZE AND LENGTH GIVEN ARE APPROXIMATE, EXACT SIZE AND LENGTH TO BE DETERMINED BY THE ENGINEER.
5. SEE SD-2 FOR BARRIER MOUNTING DETAILS.
6. FOR POST AND SIGN DETAILS NOT SHOWN, REFER TO STANDARD PLAN SHEETS RS1 THROUGH S8.
7. REFER TO STANDARD PLANS FOR DETAILS NOT SHOWN.

LEGEND:

- EXISTING ONE POST SIGN LOCATION
- EXISTING TWO POST SIGN LOCATION
- EXISTING OVERHEAD SIGN
- PROPOSED ONE POST SIGN LOCATION
- PROPOSED TWO POST SIGN LOCATION
- OVERHEAD SIGN LETTER
- ROADSIDE SIGN NUMBER
- CMS CHANGEABLE MESSAGE SIGN
- REPLACE SIGN PANEL
- EXISTING SIGN TO REMAIN
- BMS BARRIER MOUNTED SIGN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	20	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

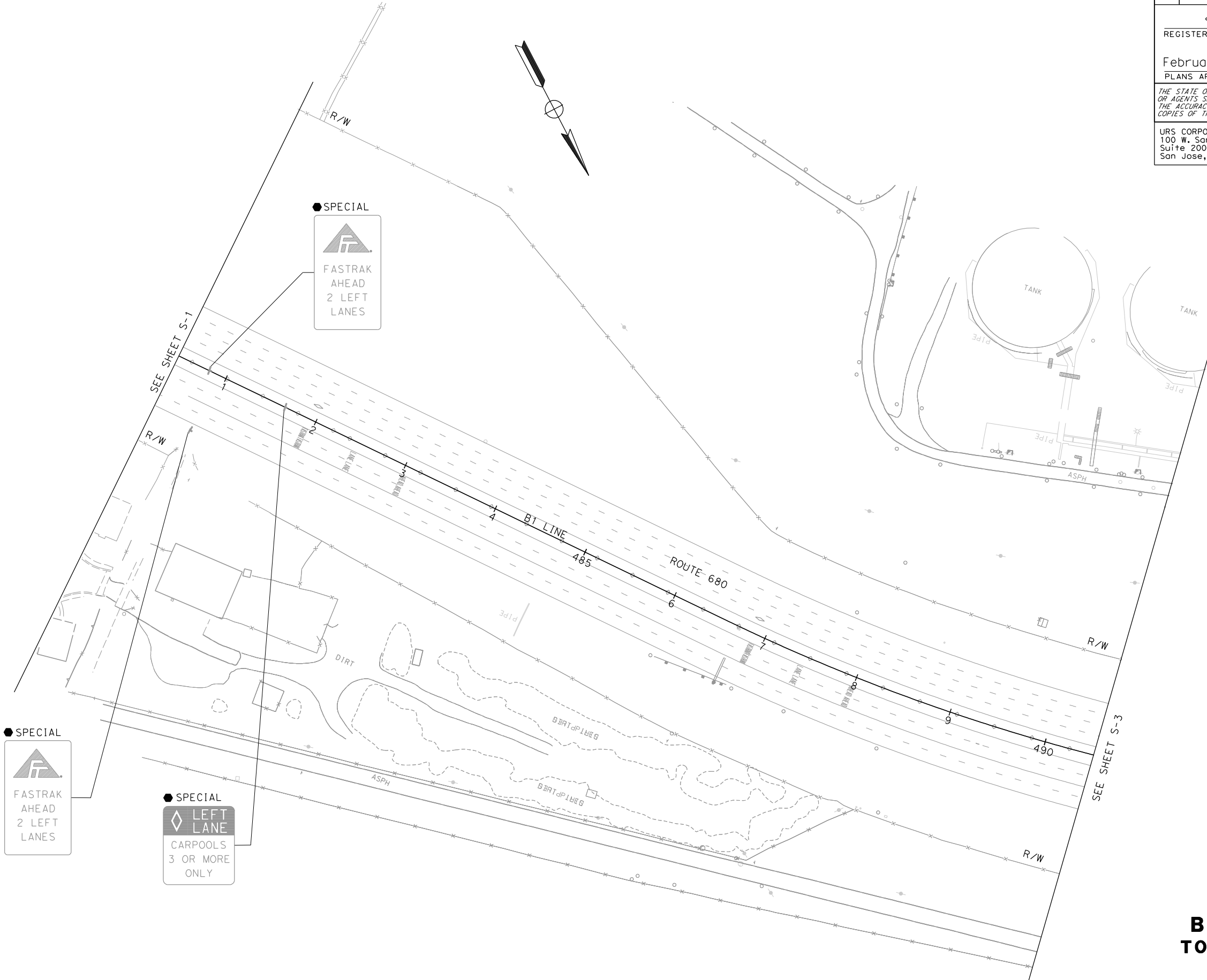
BENICIA BRIDGE
TOLLING SIGN PLANS

SCALE: 1":50' S-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR	RAMSEY HISSEN
CALCULATED-DESIGNED BY	CHECKED BY
BESHOT DEMYAN	RUTA JARIWALA
REVISED BY	DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	21	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

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PLANS APPROVAL DATE

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OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

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**BENICIA BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50' **S-2**

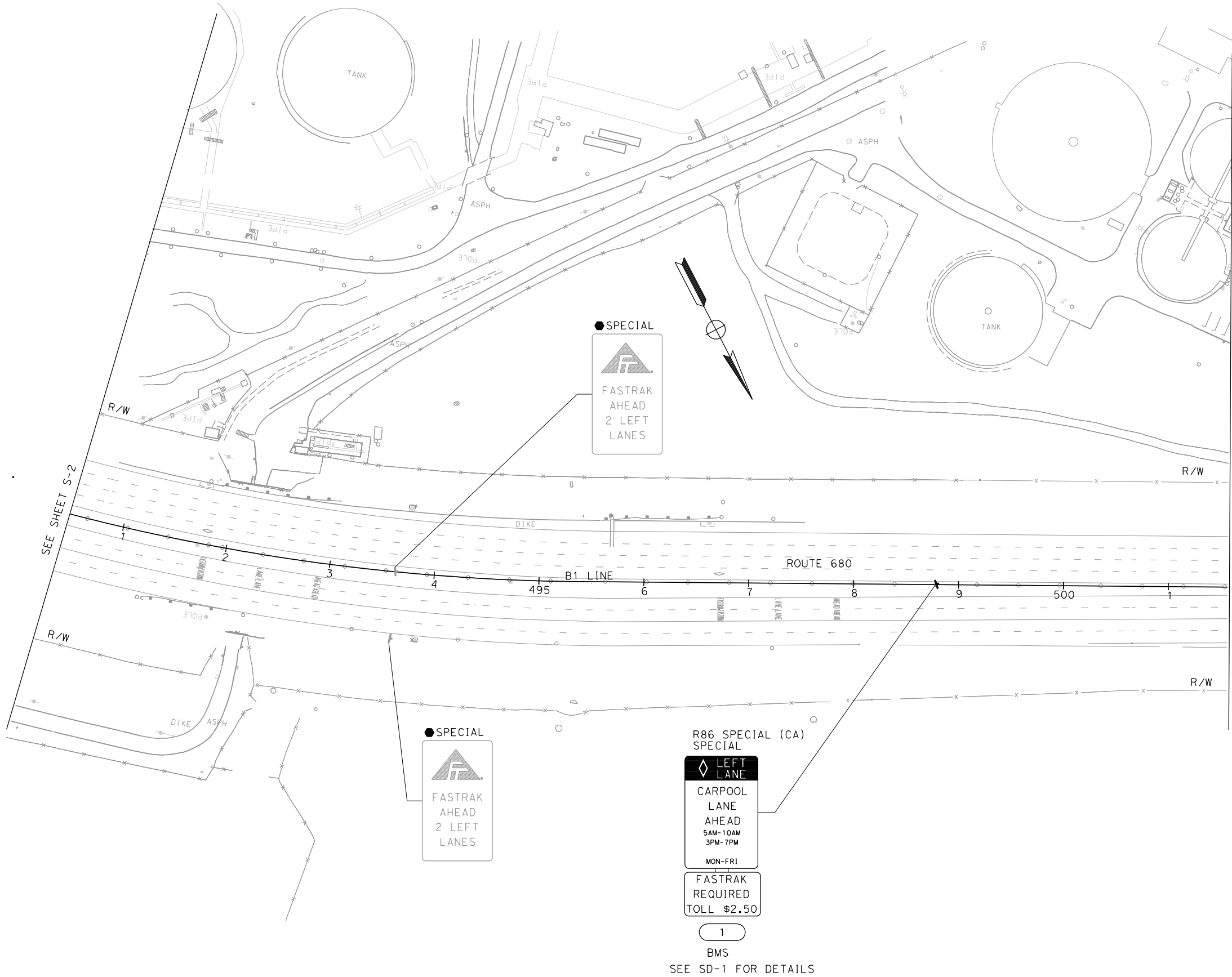


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BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:35:02 PM
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	22	101

REGISTERED CIVIL ENGINEER

2-5-10

DATE

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101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

BENICIA BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50'

S-3

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ...\\08_Benicia\\SIGNS\\S-3.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

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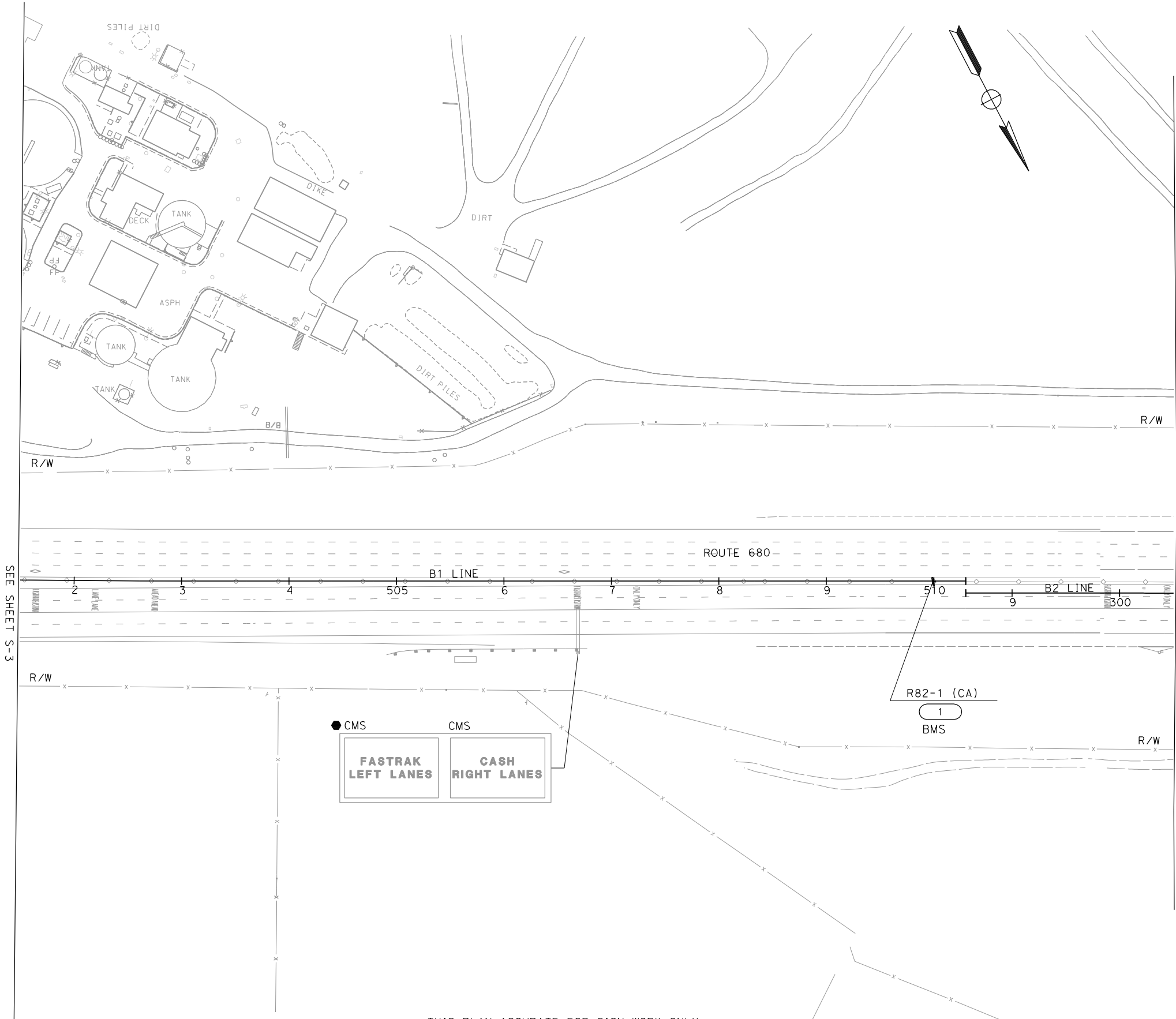
BESHOT DEMYAN

RUTA JARIWALA

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RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	23	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

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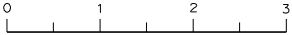
BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

**BENICIA BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50'

S-4

RELATIVE BORDER SCALE
IS IN INCHES



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DGN FILE => ...\\08_Benicia\\SIGNS\\S-4.dgn

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

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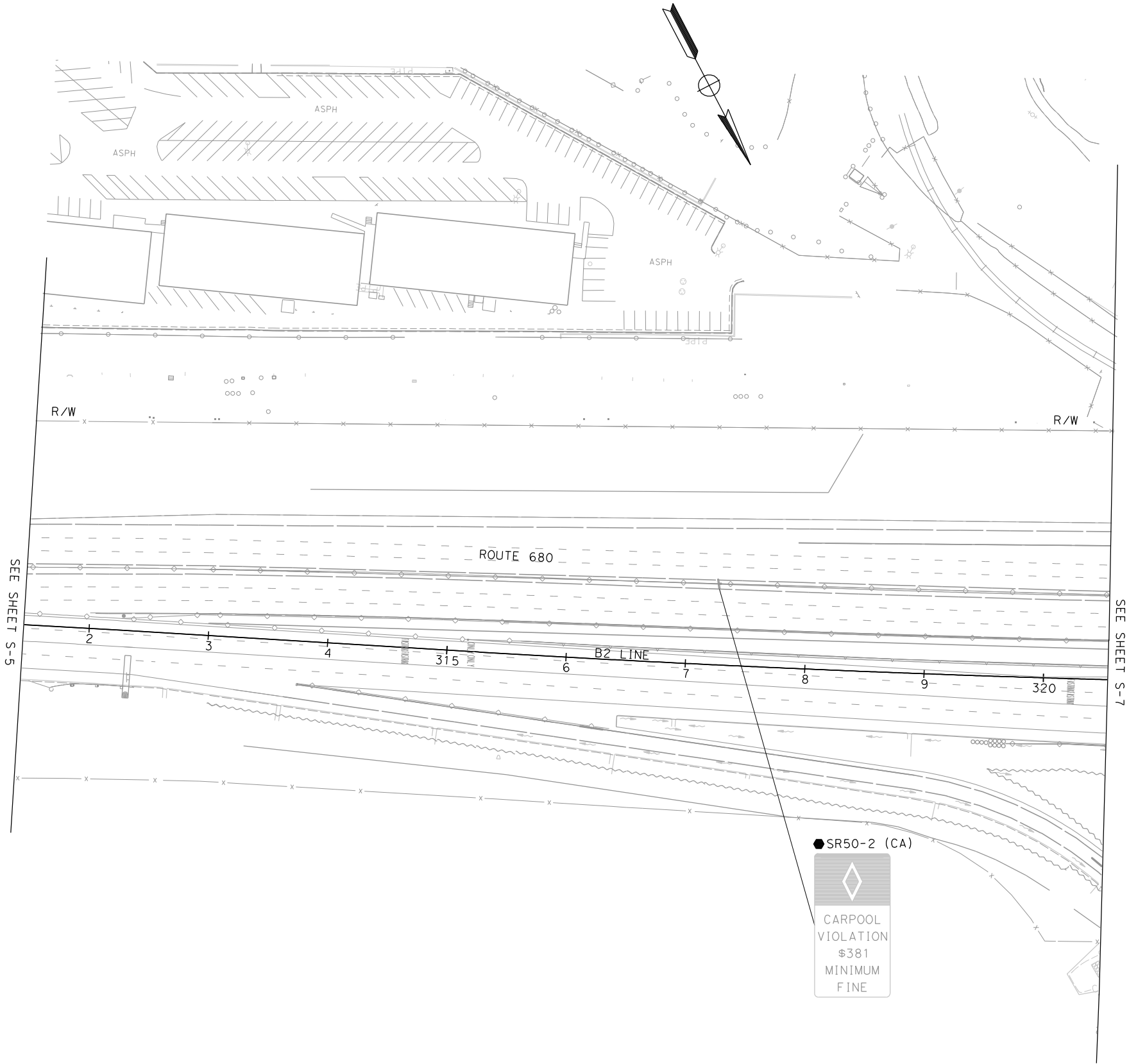
BESHQY DEMYAN

RUTA JARIWALA

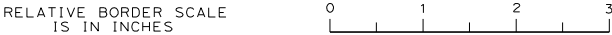
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DGN FILE => ...\\08_Benicia\\SIGNS\\S-6.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	25	101

REGISTERED CIVIL ENGINEER

2-5-10
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101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

BENICIA BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50'

S-6

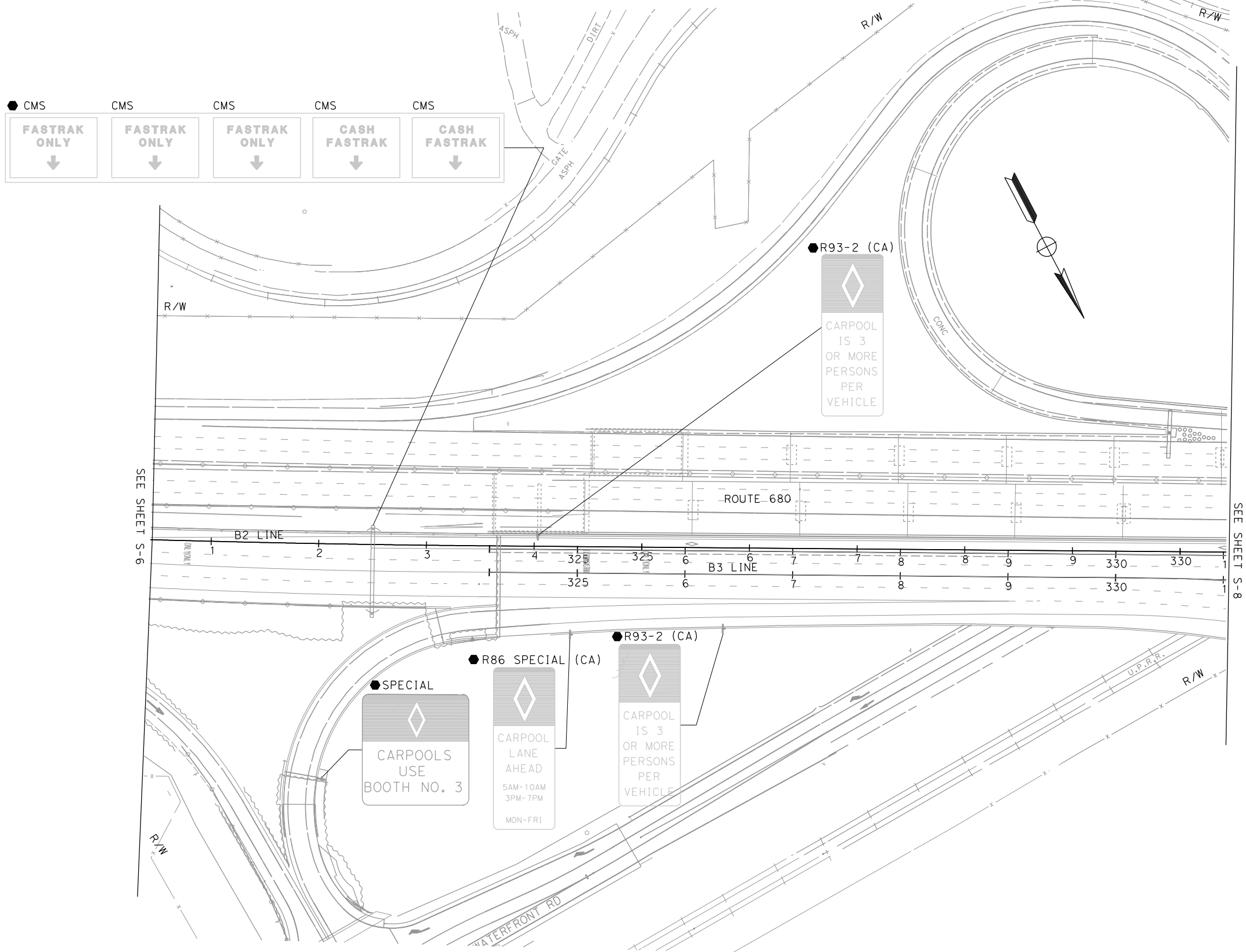
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LAST REVISION
00-00-00

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

REVISOR	REVISION	DATE	BY	REASON
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DGN FILE => ...\\08_Benicia\\SIGNS\\S-7.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	26	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

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Suite 200
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BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

BENICIA BRIDGE
TOLLING SIGN PLANS

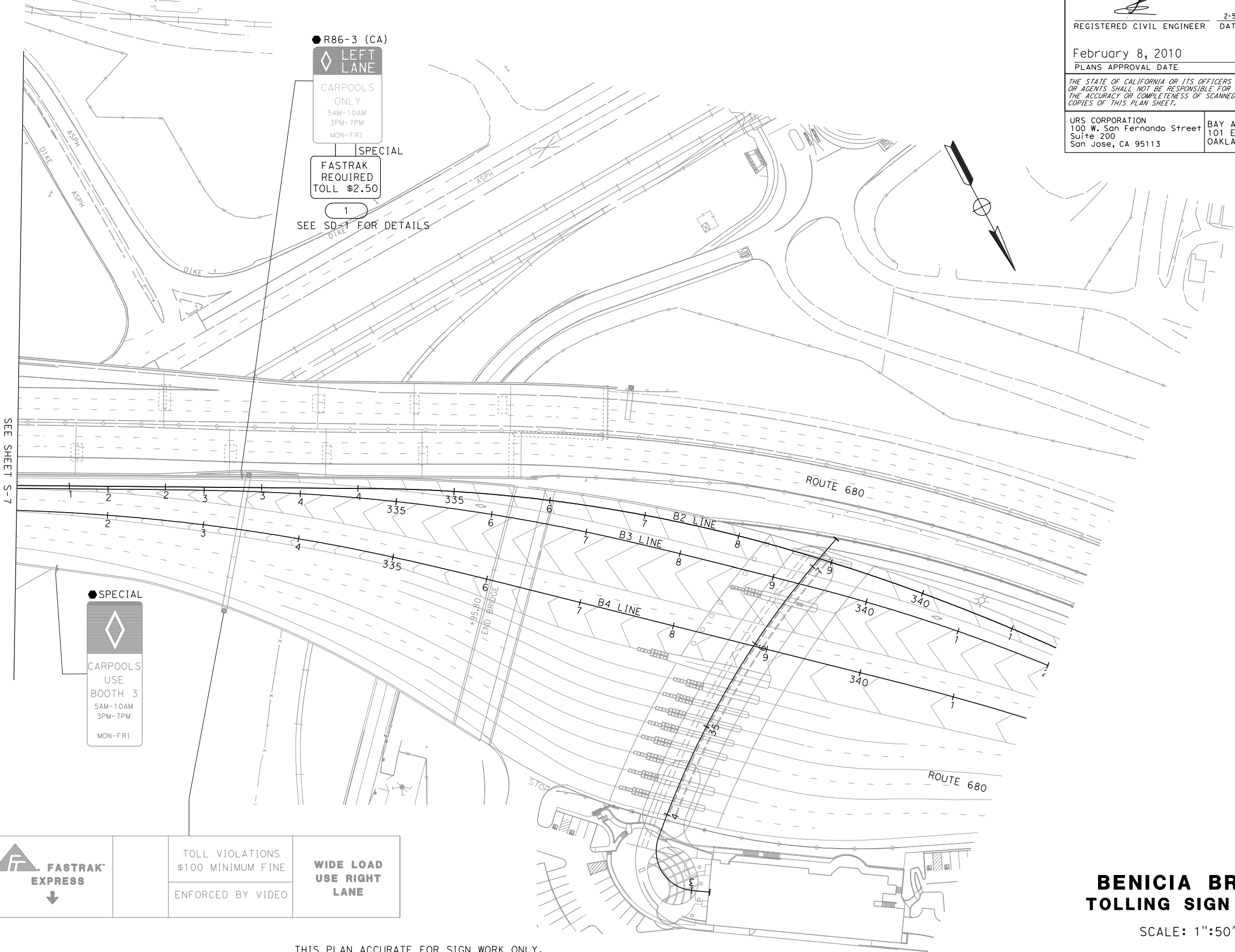
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S-7

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:35:26 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISED BY	DATE
RAMSEY HISSEN	BESHROY DEMYAN	RUTA JARIWALA	DATE	REVISED BY	DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



● SPECIAL

FASTRAK EXPRESS

↓

FASTRAK EXPRESS

↓

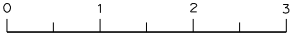
TOLL VIOLATIONS
\$100 MINIMUM FINE

ENFORCED BY VIDEO

**WIDE LOAD
USE RIGHT
LANE**

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshroy_demyan
DGN FILE => ...\\08_Benicia\\SIGNS\\S-8.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	27	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA


**BENICIA BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50'

S-8

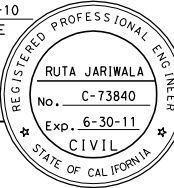
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TIME PLOTTED => 12:35:31 PM
LAST REVISION
00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	28	101


 _____ 2-5-10
 REGISTERED CIVIL ENGINEER DATE

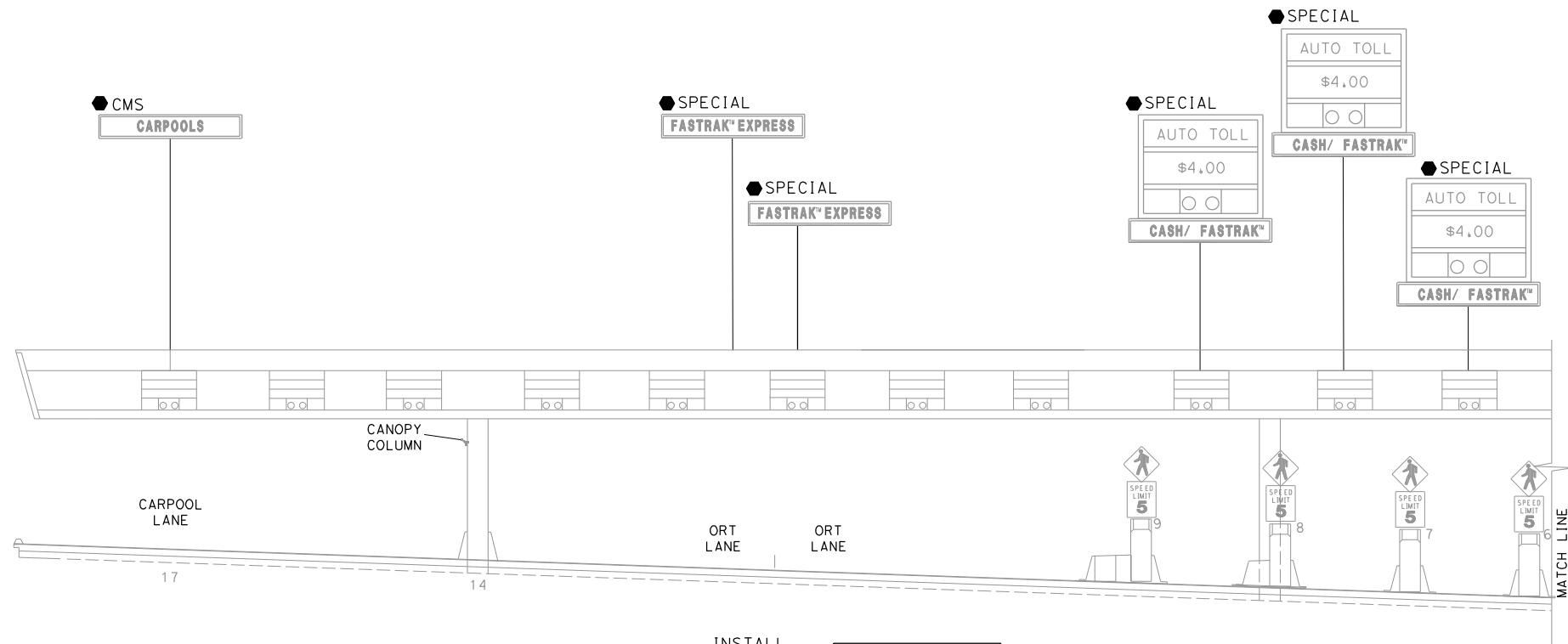
February 8, 2010

PLANS APPROVAL DATE



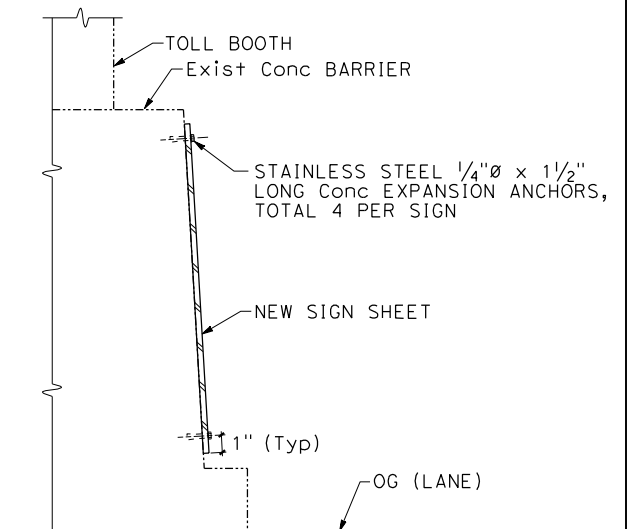
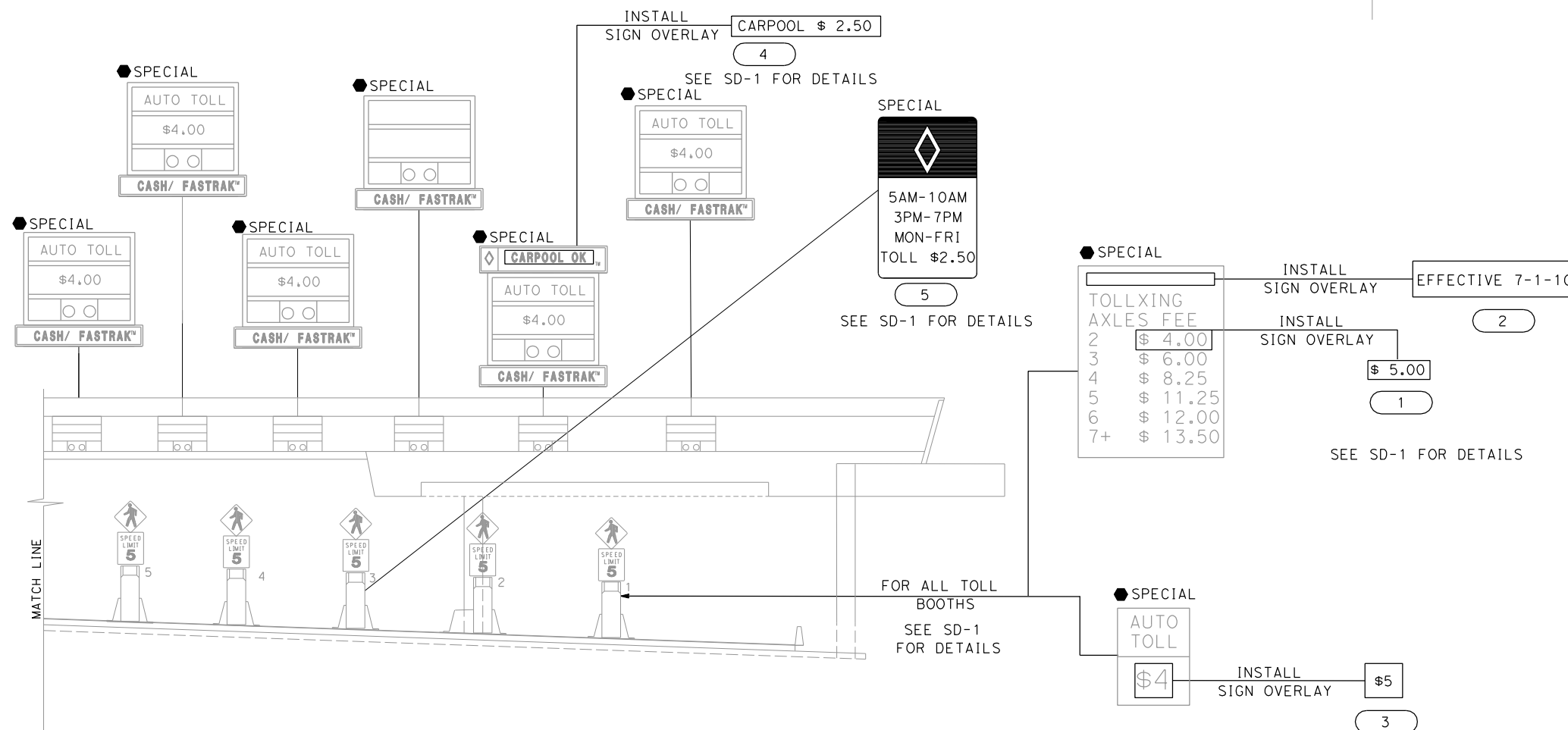
*THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.*

URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---



NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.
2. ADD NEW SIGN (FOR HOV TOLLING) ON BOOTH NO. 3



TYPICAL SIGN ANCHOR DETAIL AT TOLL BOOTH

BENICIA BRIDGE TOLLING SIGN PLANS

NO SCALE

S - 9

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

A horizontal number line with a solid line and arrows at both ends. There are three major tick marks labeled 0, 1, and 2. Between 0 and 1, there is a smaller tick mark at the midpoint. Similarly, between 1 and 2, there is a smaller tick mark at the midpoint.

```

USERNAME => beshoy_demyan
DGN FILE => ...\\08_benicia\\signs\\S-9.dgn

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BATA-005

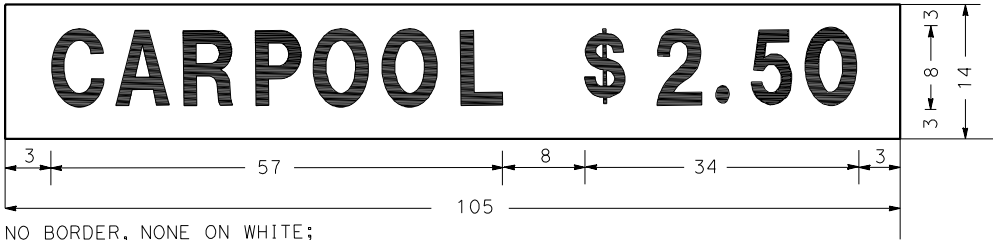
000-00-00	DATE PLOTTED => 2/9/2010
	TIME PLOTTED => 12:12:43 PM

NOTE A: CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING THIS SIGN UNTIL JUNE 30, 2010 AT WHICH TIME CONTRACTOR SHALL UNCOVER IT FOR A JULY 1, 2010 EFFECTIVE DATE.



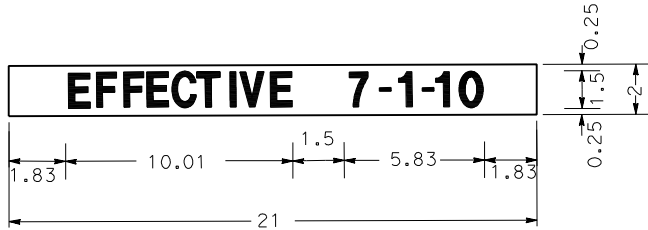
1.50" RADIUS, 0.63" BORDER, 0.38" INDENT, BLACK ON WHITE;
[FASTRAK] C;
[REQUIRED] C;
[TOLL \$2.50] D 101% SPACING;

SIGN 1 ON S-3 (REFER NOTE A)
SIGN 1 ON S-8 (REFER NOTE A)



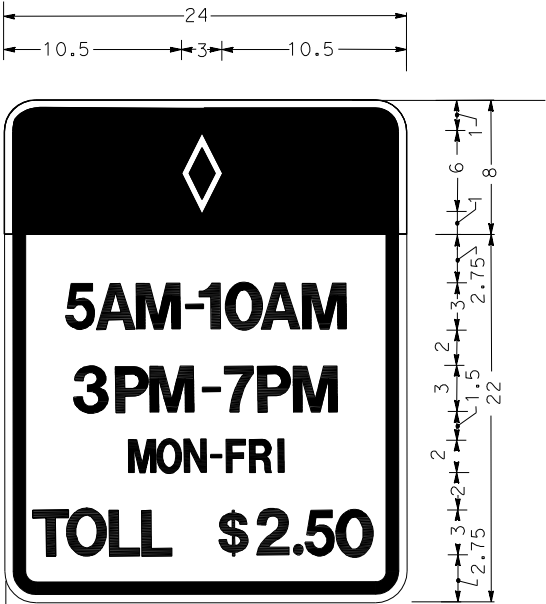
NO BORDER, NONE ON WHITE;
[CARPOOL \$2.50] BLACK E MOD;

SIGN 4 ON S-9 (REFER NOTE A)



NO BORDER, NONE ON WHITE;
[EFFECTIVE 7-1-10] BLACK D;

SIGN 2 ON S-9



1.88" RADIUS, 0.50" BORDER, WHITE ON BLACK;
SYMBOL RG005;
1.88" RADIUS, 0.75" BORDER, 0.50" INDENT, BLACK ON WHITE;
[5AM-10AM] C;
[3PM-7PM] C;
[MON-FRI] C;
[TOLL \$2.50] C;

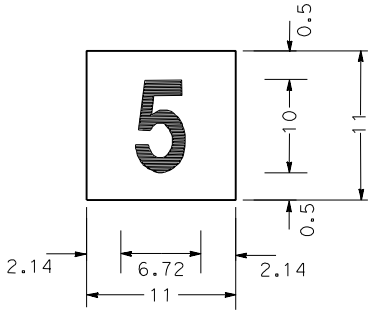
SIGN 5 ON S-9 (REFER NOTE A)



1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON WHITE;
[EFFECTIVE] D; [7-1-10] D;

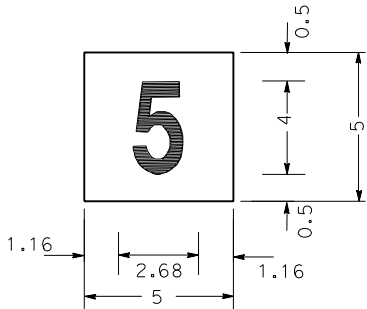
SIGN 2 ON S-5
SIGN 4 ON S-5

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN



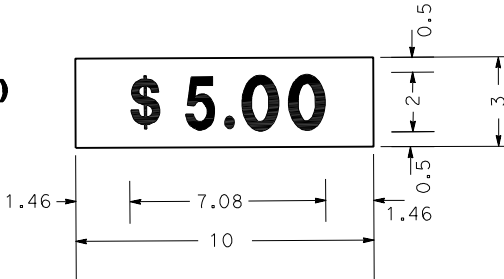
NO BORDER, NONE ON WHITE;
[5] BLACK D;

SIGN 1 ON S-5



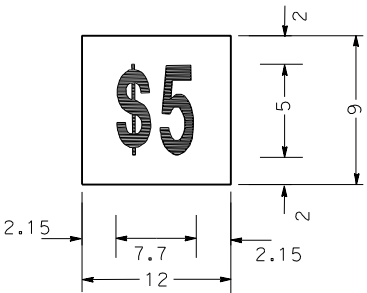
NO BORDER, NONE ON WHITE;
[5] BLACK D;

SIGN 3 ON S-5




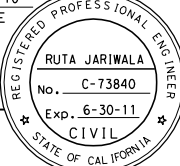
NO BORDER, NONE ON WHITE;
[\$5.00] BLACK D;

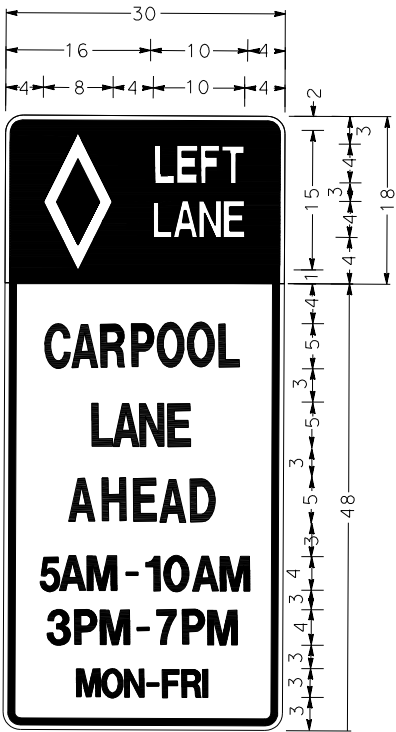
SIGN 1 ON S-9



NO BORDER, NONE ON WHITE;
[5] BLACK D;

SIGN 3 ON S-9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	29	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



2" RADIUS, 1" BORDER, WHITE ON BLACK;
SYMBOL RG005;
[LEFT] C; [LANE] C;
2" RADIUS, 1" BORDER, 1" INDENT, BLACK ON WHITE;
[CARPOOL] B; [LANE] B; [AHEAD] B;
[5AM-10AM] C; [3PM-7PM] C; [MON-FRI] C;

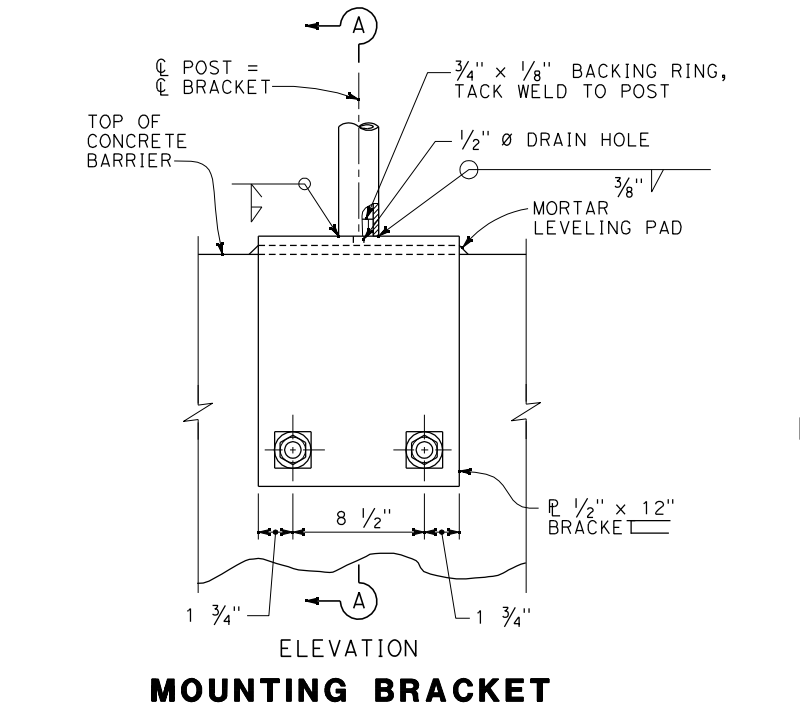
SIGN 1 ON S-3

BENICIA BRIDGE
SIGN DETAILS

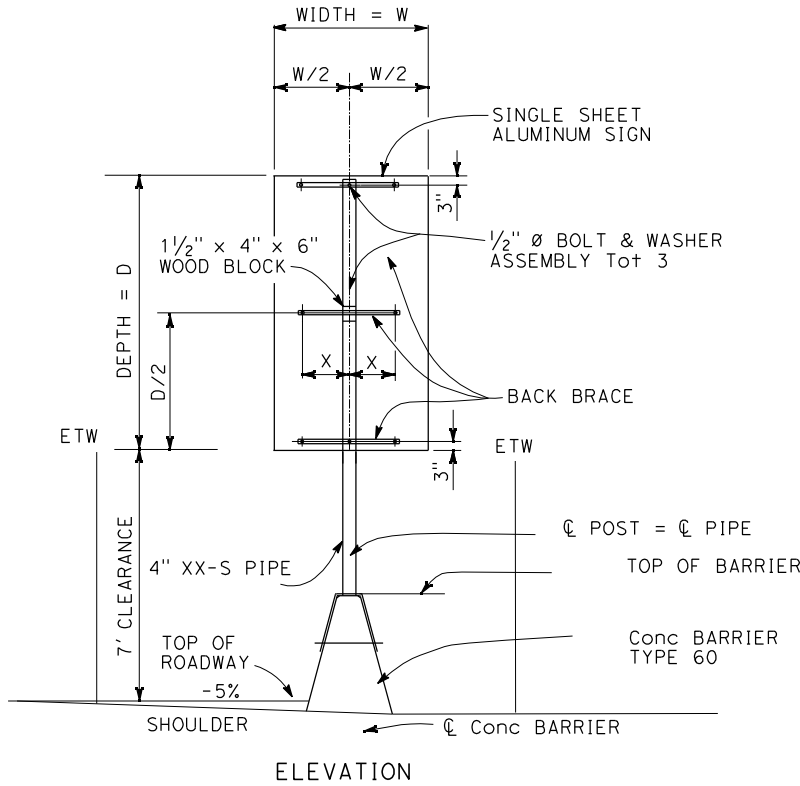
NO SCALE

SD-1

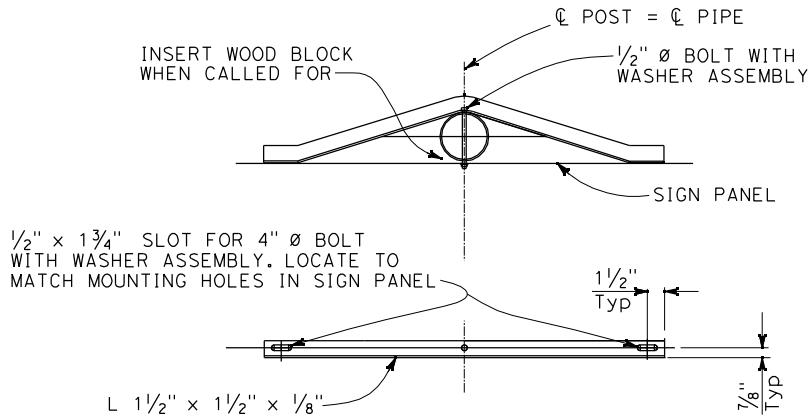
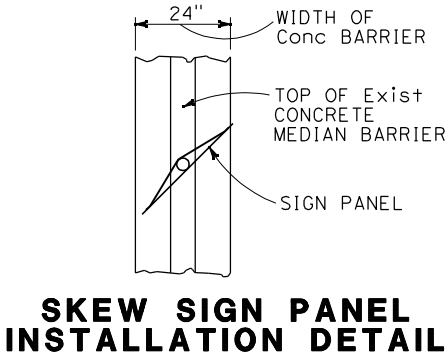
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans	RAMSEY HISSSEN	CHECKED BY	BESHOT DEMYAN	2-5-10
			RUTA JARIWALA	



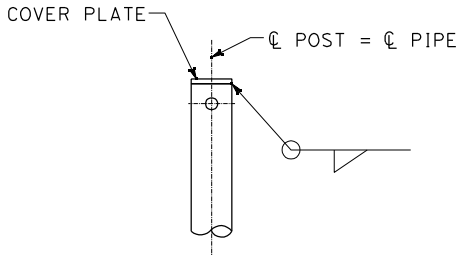
MOUNTING BRACKET



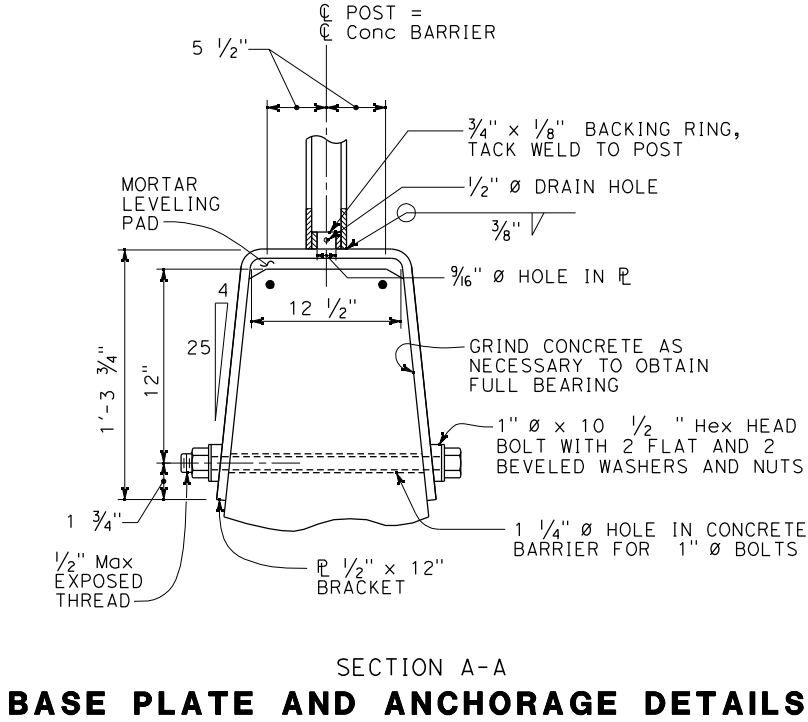
SIGN POST ON CONCRETE BARRIER



BACK BRACE DETAILS



TOP OF POST DETAIL



SIGN 1 ON S-3

- NOTES:**
1. FOR DETAILS NOT SHOWN SEE STANDARD PLANS
 2. WASHER ASSEMBLY CONSISTS OF TWO FLAT WASHERS, NUT, FIBER WASHER AND JAM NUT.
 3. ALL SIGN PANELS ARE CONTRACTOR FURNISHED.
 4. ALL STEEL GALVANIZED AFTER FABRICATION.

**BENICIA BRIDGE
SIGN DETIALS**

NO SCALE

SD-2

x


x

x

x

x

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

DESIGNED BY

CHECKED BY


BESHROY DEMYAN

RUTA JARIWALA

REVISED BY

DATE REVISED

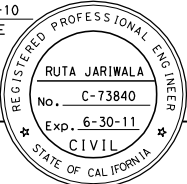
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	680	23.2/24.9	31	101



REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE



URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	INSTALL SIGN PANEL ON TOLL BOOTH	INSTALL SIGN OVERLAY (N)	METAL (BARRIER MOUNTED SIGN)	REMARKS
			FT x FT	EA	EA	EA	LB	
S-3	1	R86 SPECIAL (CA)	2.50 x 5.50				160	NEW SIGN (BARRIER MOUNTED SIGN)
		SPECIAL	2.50 x 2.00					
S-4	1	R82-1 CA)	2.50 x 5.00				160	NEW SIGN (BARRIER MOUNTED SIGN)
S-5	1	SPECIAL	0.92 x 0.92			1		OVERLAY "4" WITH "5"
S-5	2	SPECIAL	3.00 x 1.50	1				ADD "EFFECTIVE DATE" TO EXISTING POST
S-5	3	SPECIAL	0.42 x 0.42			1		OVERLAY "4" WITH "5"
S-5	4	SPECIAL	3.00 x 1.50	1				ADD "EFFECTIVE DATE" TO EXISTING POST
S-8	1	SPECIAL	2.50 x 2.00	1				ADD "FASTRAK REQUIRED TOLL \$2.50" TO THE EXISTING POST
S-9	1	SPECIAL	0.83 x 0.25			9		OVERLAY "\$4.00" WITH "\$5.00"-TOTAL OF 9 SIGNS
S-9	2	SPECIAL	1.75 x 0.17			9		OVERLAY "EFFECTIVE DATE" TO EXISTING SIGN-TOTAL OF 9 SIGNS
S-9	3	SPECIAL	1.00 x 0.75			9		OVERLAY "\$4" WITH "\$5"-TOTAL OF 9 SIGNS
S-9	4	SPECIAL	8.75 x 1.17			1		OVERLAY "CARPOOL OK" WITH "CARPOOL \$2.50"
S-9	5	SPECIAL	2.00 x 2.50		1			NEW SIGN ON TOLL BOOTH 3
TOTAL				3	1	30	320	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM			
			FT x FT	SQFT		SHEETING COLOR	RETRO-REFLECTIVE ASTM TYPE	SHEETING COLOR	RETRO-REFLECTIVE ASTM TYPE	PREMIUM	ROADSIDE		
											SINGLE SHEET UNFRAMED ALUMINUM (0.063")		
S-3	1	R86 SPECIAL (CA)	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-4	1	R82-1 CA)	2.50 x 5.00	12.50	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	12.50		
S-5	1	SPECIAL	0.92 x 0.92	0.85	X	WHITE	III	BLACK	PLAIN	X		0.85	
S-5	2	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-5	3	SPECIAL	0.42 x 0.42	0.18	X	WHITE	III	BLACK	PLAIN	X		0.18	
S-5	4	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-8	1	SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-9	1	SPECIAL	0.83 x 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X		9 X .21 = 1.89	TOTAL OF 9 SIGNS
S-9	2	SPECIAL	1.75 x 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X		9 X .30 = 2.70	TOTAL OF 9 SIGNS
S-9	3	SPECIAL	1.00 x 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X		9 X .75 = 6.75	TOTAL OF 9 SIGNS
S-9	4	SPECIAL	8.75 x 1.17	10.24	X	WHITE	III	BLACK	PLAIN	X		10.24	
S-9	5	SPECIAL	2.00 x 2.50	5.00	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	5.00		
TOTAL											50.25	22.61	

BENICIA BRIDGE
SIGN QUANTITIES

NO SCALE

SQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-BY

DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA


REVISED BY

DATE

REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE. SEE SHEET S-1

SPECIAL



AHEAD
LEFT LANE

G85 SPECIAL

EXIT 27

Crockett
Pomona St



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	33	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
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COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SEE SHEET S-3

CARQUINEZ BRIDGE
TOLLING SIGN PLANS

SCALE: 1":50' S-2

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS\CARQ-S-02.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:14:45 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		PRASHANTH DULLU		REVISED BY	
FAST		RAMSEY HISSEN		CHECKED BY		RUTA JARIWALA		DATE REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

SEE SHEET S-2



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	34	101

REGISTERED CIVIL ENGINEER
2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER
RUTA JARIWALA
No. C-73840
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA



CARQUINEZ BRIDGE TOLLING SIGN PLANS

SCALE: 1":50' **S-3**

THIS PLAN ACCURATE FOR SIGN WORK ONLY.



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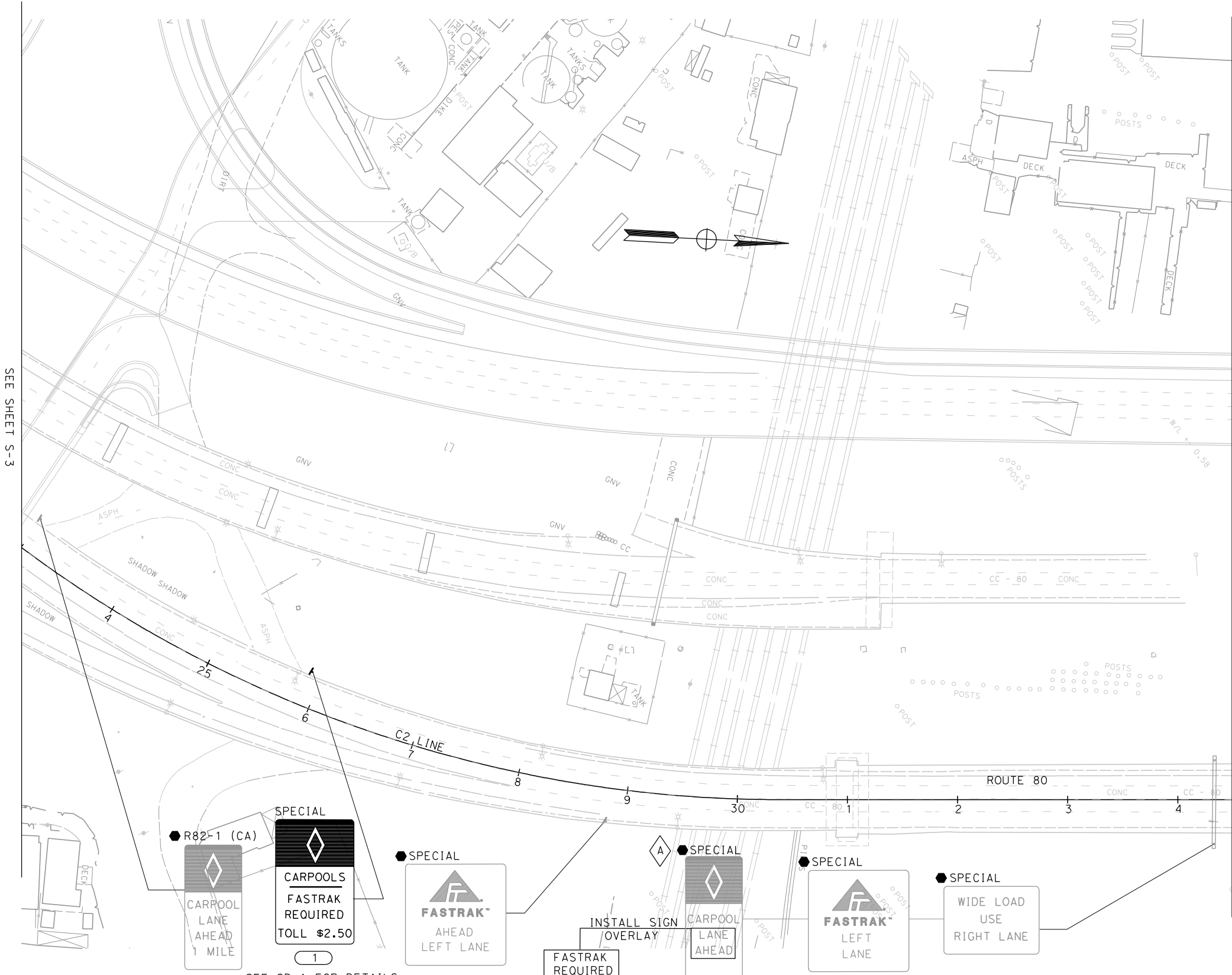
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LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	RAMSEY HISSEN	CALCULATED- DESIGNED BY	CHECKED BY	PRASHANTH DULLU	RUTA JARIWALA	REVISED BY	DATE REVISED



FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SEE SHEET S-3

SEE SHEET S-5

THIS PLAN ACCURATE FOR SIGN WORK ONLY.


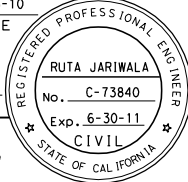
SEE SD-1 FOR DETAILS

SEE SD-1 FOR DETAILS

RELATIVE BORDER SCALE
IS IN INCHES



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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	35	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010 PLANS APPROVAL DATE					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

CARQUINEZ BRIDGE TOLLING SIGN PLANS

SCALE: 1"=50' **S-4**

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

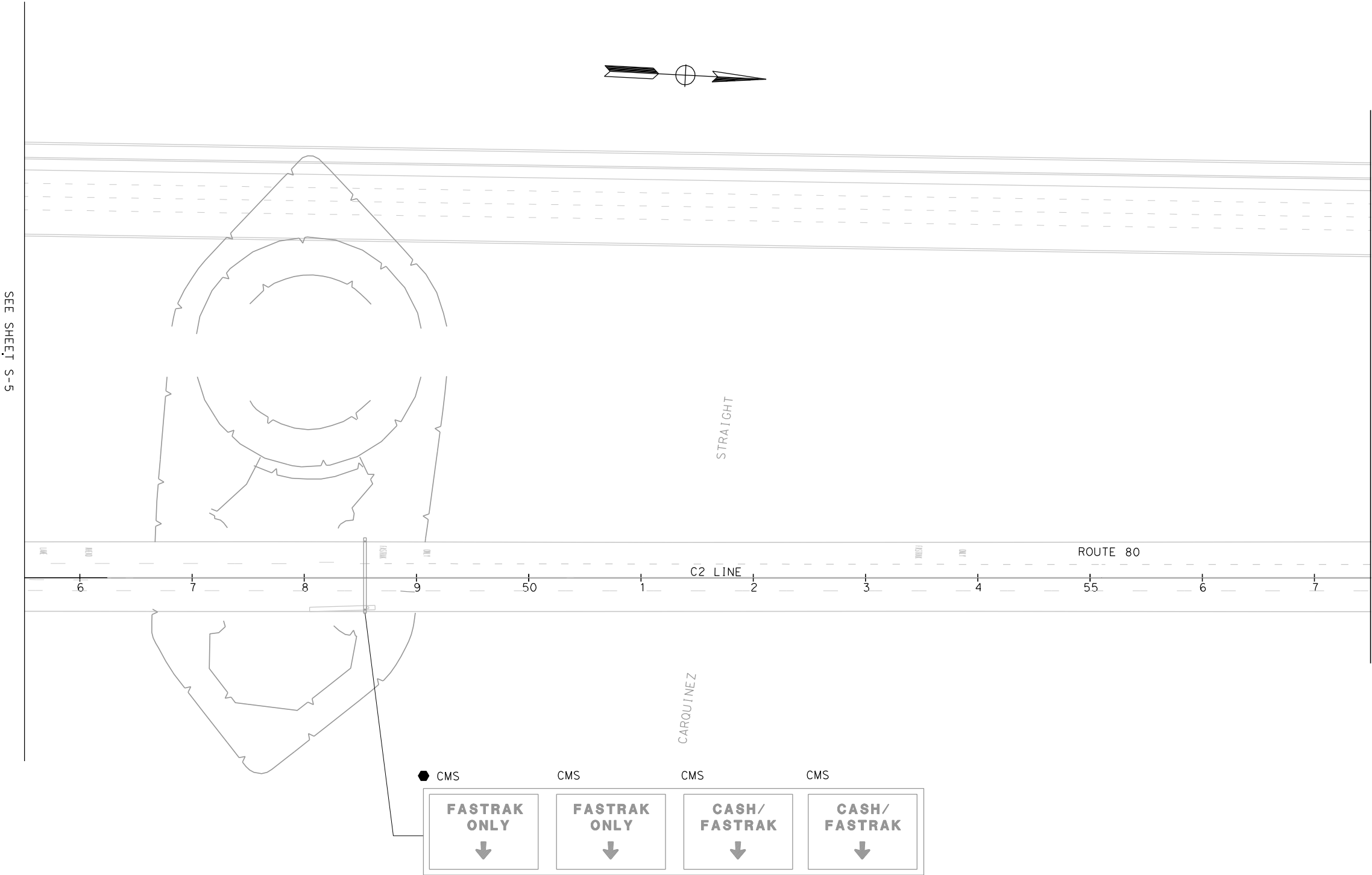
PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



THIS PLAN ACCURATE FOR SIGN WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	37	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

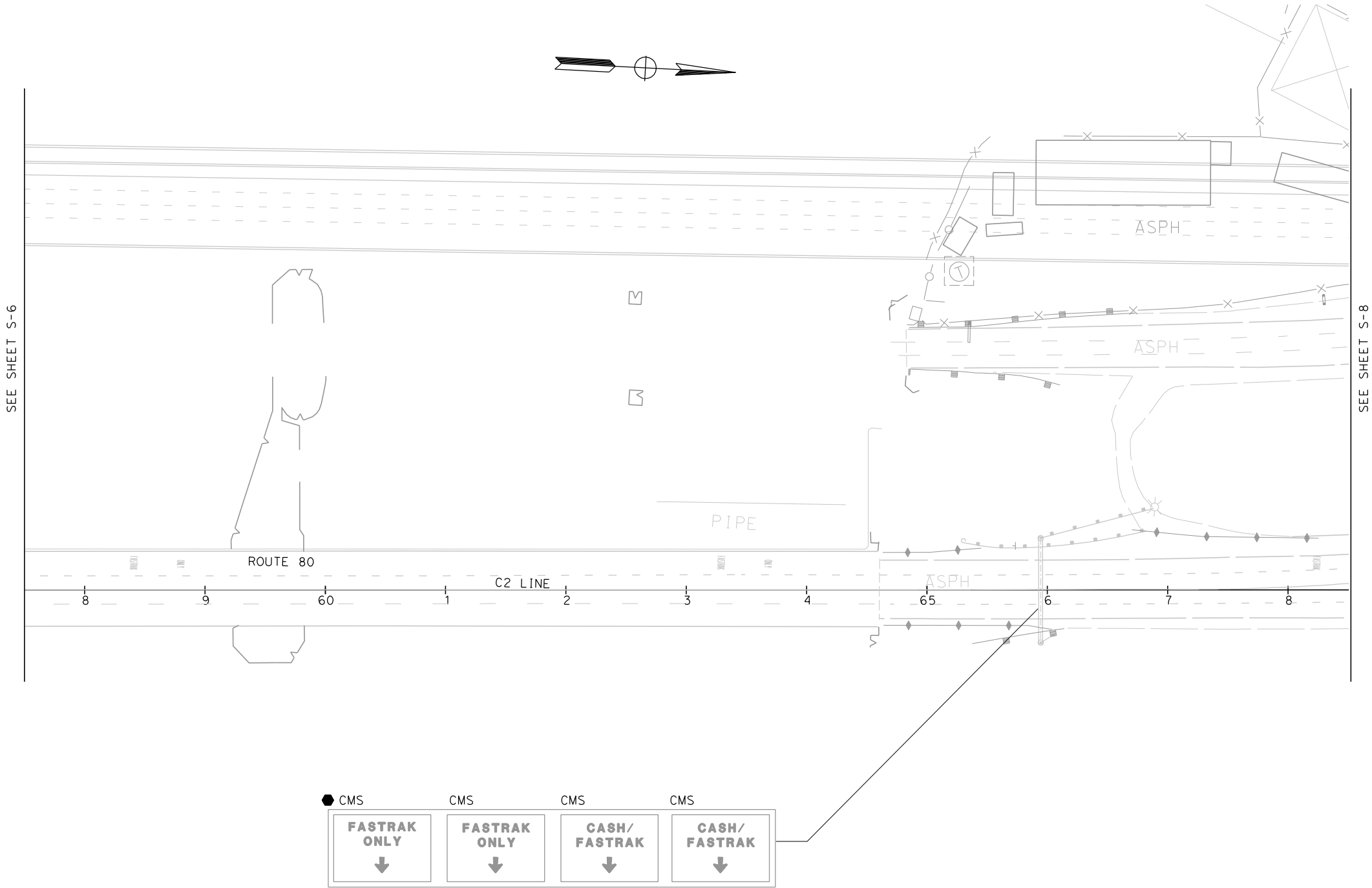
BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

CARQUINEZ BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50' S-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY	PRASHANTH DULLU	REVISED BY	
	RAMSEY HISSON					
California	CALCULATED-DESIGNED BY		RUTA JARIWALA	DATE	REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



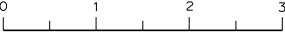
THIS PLAN ACCURATE FOR SIGN WORK ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	38	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE	<div>REGISTERED PROFESSIONAL ENGINEER RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA</div>	
February 8, 2010			PLANS APPROVAL DATE		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

CARQUINEZ BRIDGE
TOLLING SIGN PLANS

SCALE: 1":50' S-7

RELATIVE BORDER SCALE
IS IN INCHES

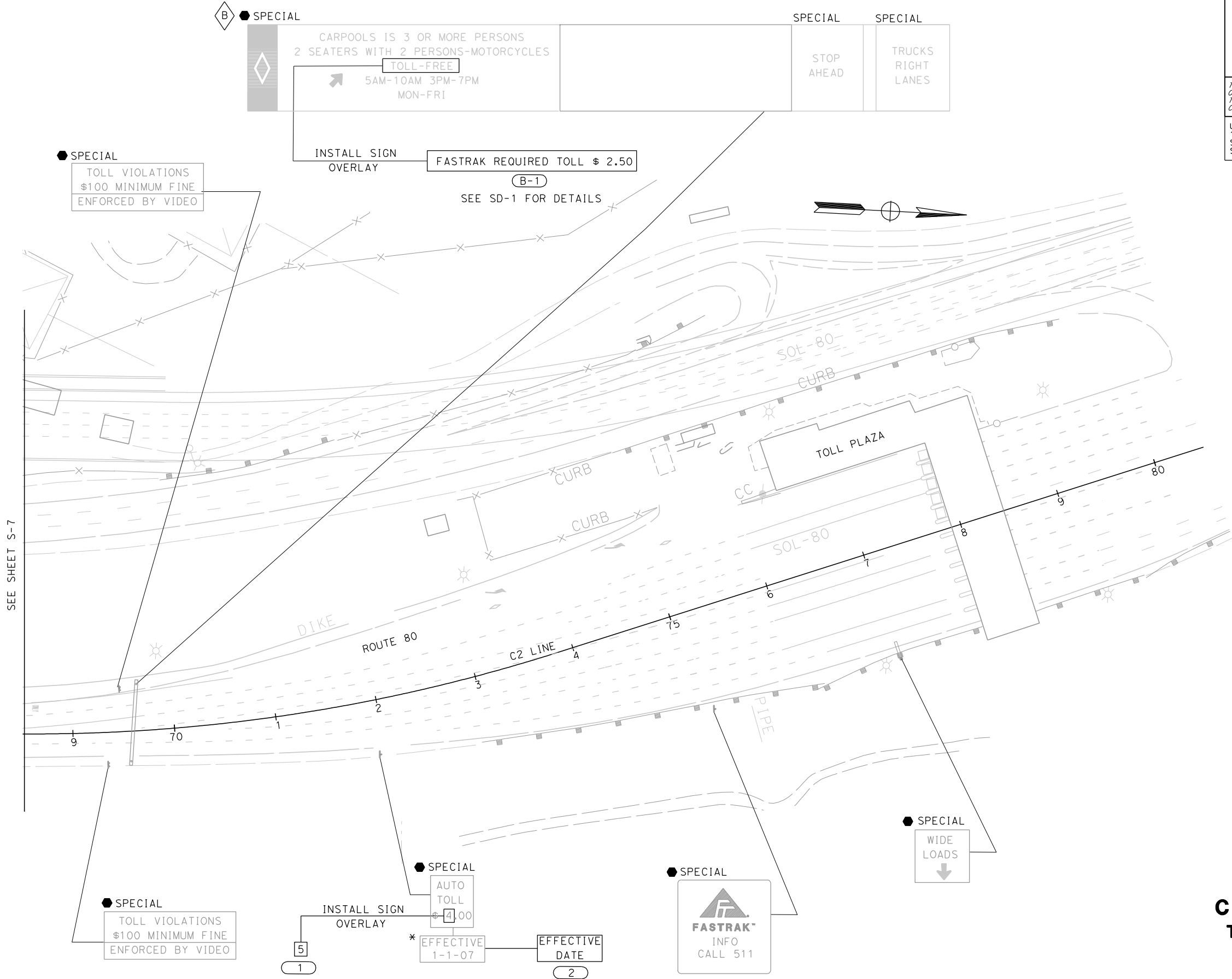


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DGN FILE => ... \SIGNS\CARQ-S-07.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY	PRASHANTH DULLU	REVISED BY	
	RAMSEY HISSON					
et-Gilbert®			CHECKED BY	RUTA JARIWALA	DATE REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.




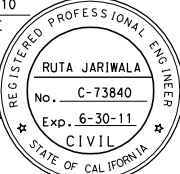
THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SEE SD-1 FOR DETAILS

RELATIVE BORDER SCALE
IS IN INCHES

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DGN FILE => ... \SIGNS\CARQ-S-08.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	39	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

CARQUINEZ BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50' S-8

LAST REVISION
00-00-00
DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:15:06 PM

BATA-005

NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.
2. ADD NEW SIGN (FOR HOV TOLLING) ON BOOTH NO. 11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC/SOL	80	13.3/0.6	40	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

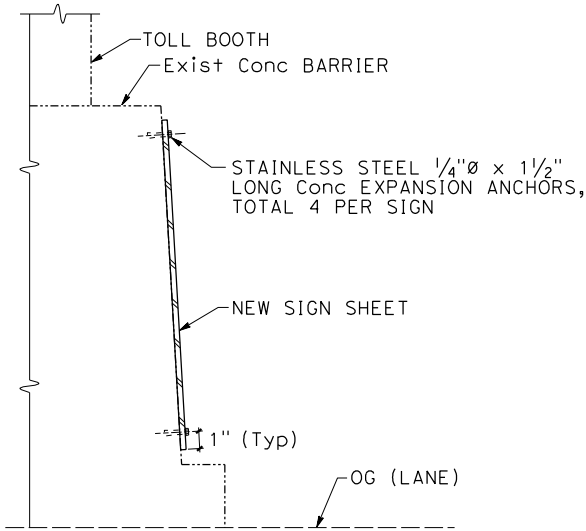
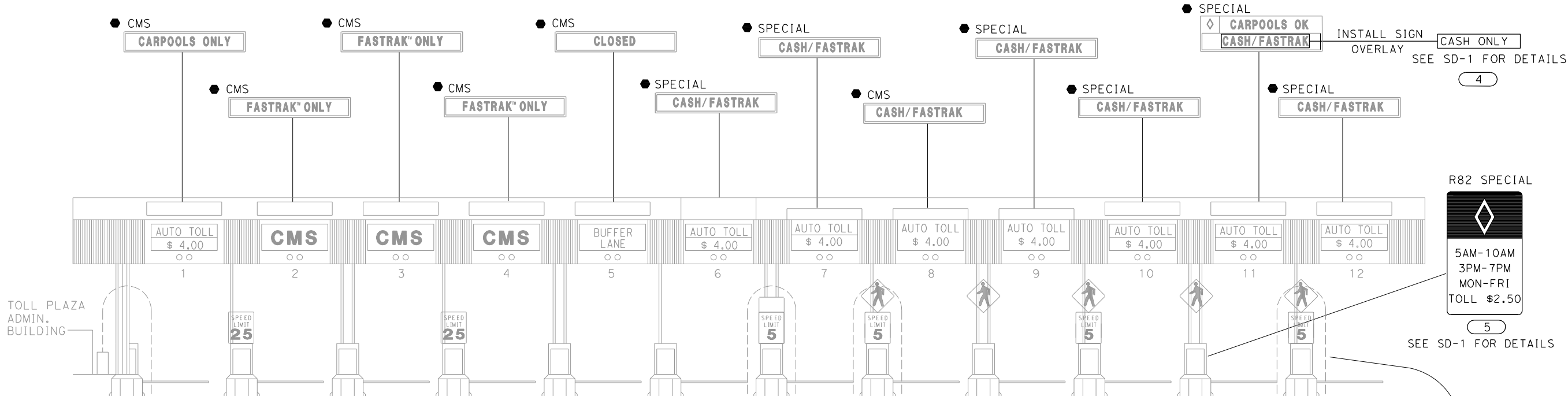
RUTA JARIWALA

No. C-73840

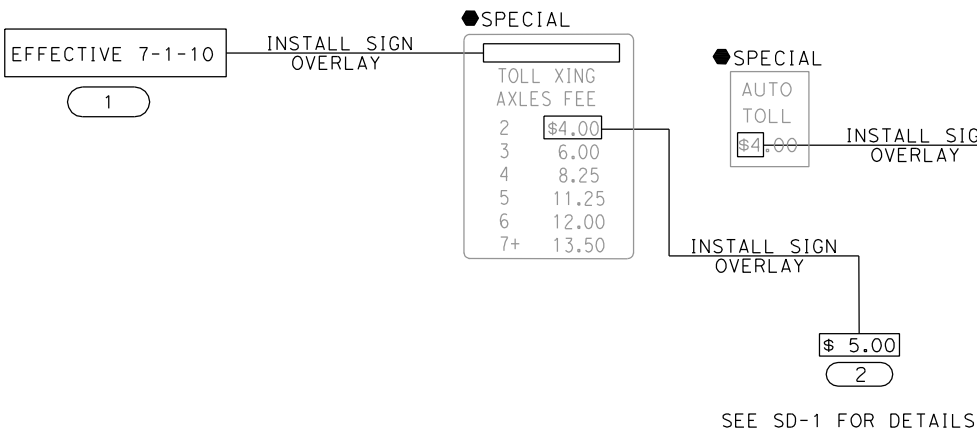
Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



TYPICAL SIGN ANCHOR DETAIL
AT TOLL BOOTH



CARQUINEZ BRIDGE
TOLLING SIGN PLANS
NO SCALE

S-9

THIS PLAN ACCURATE FOR SIGN WORK ONLY.



USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS\CARQ-S-09.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

OVERHEAD SIGN QUANTITIES

SHEET No.	STRUCTURE No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL SIGN OVERLAY (N)	REMARKS
				FT x FT		
S-4	A	A-1	SPECIAL	2.50 X 1.33	1	OVERLAY "LANE AHEAD" WITH "FASTRAK REQUIRED"
S-8	B	B-1	SPECIAL	16.33 X 1.00	1	OVERLAY "TOLL-FREE" WITH "FASTRAK REQUIRED TOLL \$2.50"
TOTAL					2	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL SIGN ON TOLL BOOTH	INSTALL SIGN OVERLAY (N)	REPLACE SIGN PANEL (ROADSIDE SIGN)	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD) (SSBM)	REMARKS
			FT x FT					
S-1	1	SPECIAL	0.75 x 0.75		1			OVERLAY "4" WITH "5"
S-1	2	SPECIAL	3.00 x 1.50			1		REPLACE SIGN PANEL WITH "NEW DATE"
S-4	1	SPECIAL	3.50 x 6.50				1	NEW SIGN (ON LUMINAIRE)
S-8	1	SPECIAL	1.08 x 1.08		1			OVERLAY "4" WITH "5"
S-8	2	SPECIAL	3.00 x 1.50			1		REPLACE SIGN PANEL WITH "NEW DATE"
S-9	1	SPECIAL	1.75 x 0.17		12			OVERLAY "EFFECTIVE DATE" TO EXISTING SIGN - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	2	SPECIAL	0.83 x 0.25		12			OVERLAY "\$4.00" WITH "\$5.00" - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	3	SPECIAL	1.00 x 0.75		12			OVERLAY "\$4" WITH "\$5" - FOR TOLL BOOTHS 1-12 (12 SIGNS)
S-9	4	SPECIAL	11.67 x 1.00		1			OVERLAY "CASH/FASTRAK" WITH "CASH ONLY"
S-9	5	R82 SPECIAL	2.00 x 2.50	1				INSTALL NEW SIGN
TOTAL				1	39	2	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		
			SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UNFRAMED ALUMINUM (0.063")				
									SQFT	SQFT			
S-1	1	SPECIAL	0.75 x 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X		0.56	
S-1	2	SPECIAL	3.00 x 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-4	1	R82 SPECIAL	3.50 x 6.50	22.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	22.75		
S-4	A-1	SPECIAL	2.50 X 1.33	3.33	X	WHITE	III	BLACK	PLAIN	X		3.32	
S-8	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X		1.17	
S-8	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-8	B-1	SPECIAL	16.33 X 1.00	16.33	X	WHITE	III	BLACK	PLAIN	X		16.33	
S-9	1	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X		12 X 0.30 = 3.60	TOTAL OF 12 SIGNS
S-9	2	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X		12 X 0.21 = 2.52	TOTAL OF 12 SIGNS
S-9	3	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X		12 X 0.75 = 9.00	TOTAL OF 12 SIGNS
S-9	4	SPECIAL	11.67 x 1.00	11.67	X	WHITE	III	BLACK	PLAIN	X		11.67	
S-9	5	R82 SPECIAL	2.00 X 2.50	5.00	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	5.00		
TOTAL											36.75	48.17	

CARQUINEZ BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-1

RELATIVE BORDER SCALE IS IN INCHES

0123

USERNAME => beshoy_demyan
DGN FILE => ... \SIGNS\CARQ-SQ-01.dgn

BATA-005

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

04

CC/SOL

80

13.3/0.6

42

101

REGISTERED CIVIL ENGINEER

2-5-10

DATE

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

LAST REVISION

DATE PLOTTED => 2/8/2010

TIME PLOTTED => 3:21:36 PM

00-00-00

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

NOTES:

1. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS SHALL BE DETERMINED BY THE ENGINEER.

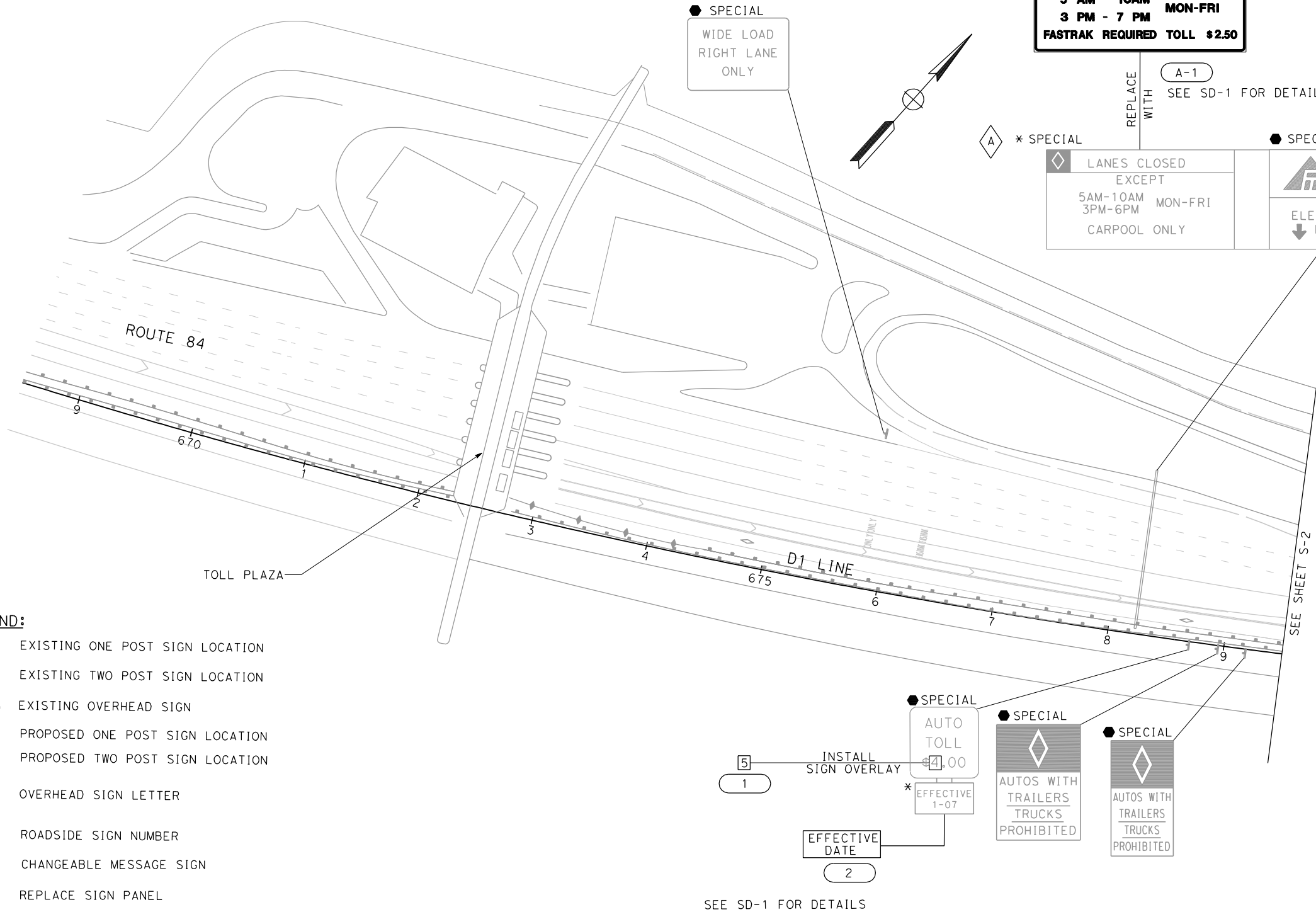
2. ALL ROADSIDE SIGNS ARE TO BE MOUNTED ON S4S WOOD POSTS, UNLESS OTHERWISE INDICATED.

3. SEE SD-1 AND SD-2 FOR CONTRACTOR FURNISHED SIGN PANELS.
4. POST SIZE AND LENGTH GIVEN ARE APPROXIMATE, EXACT SIZE AND LENGTH TO BE DETERMINED BY THE ENGINEER.

5. FOR POST AND SIGN DETAILS NOT SHOWN, REFER TO STANDARD PLAN SHEETS RS1 THROUGH S8.

6. SEE SD-2 FOR BARRIER MOUNTING DETAILS.

7. REFER TO STANDARD PLANS FOR DETAILS NOT SHOWN.



LEGEND:

- EXISTING ONE POST SIGN LOCATION

EXISTING TWO POST SIGN LOCATION

EXISTING OVERHEAD SIGN

PROPOSED ONE POST SIGN LOCATION

PROPOSED TWO POST SIGN LOCATION

OVERHEAD SIGN LETTER

ROADSIDE SIGN NUMBER

CMS CHANGEABLE MESSAGE SIGN

REPLACE SIGN PANEL

EXISTING SIGN TO REMAIN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	43	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

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DGN FILE => ...\\06_Dumbarton\\SIGNS\\DB-1.dgn

BATA-005

DUMBARTON BRIDGE
TOLLING SIGN PLANS

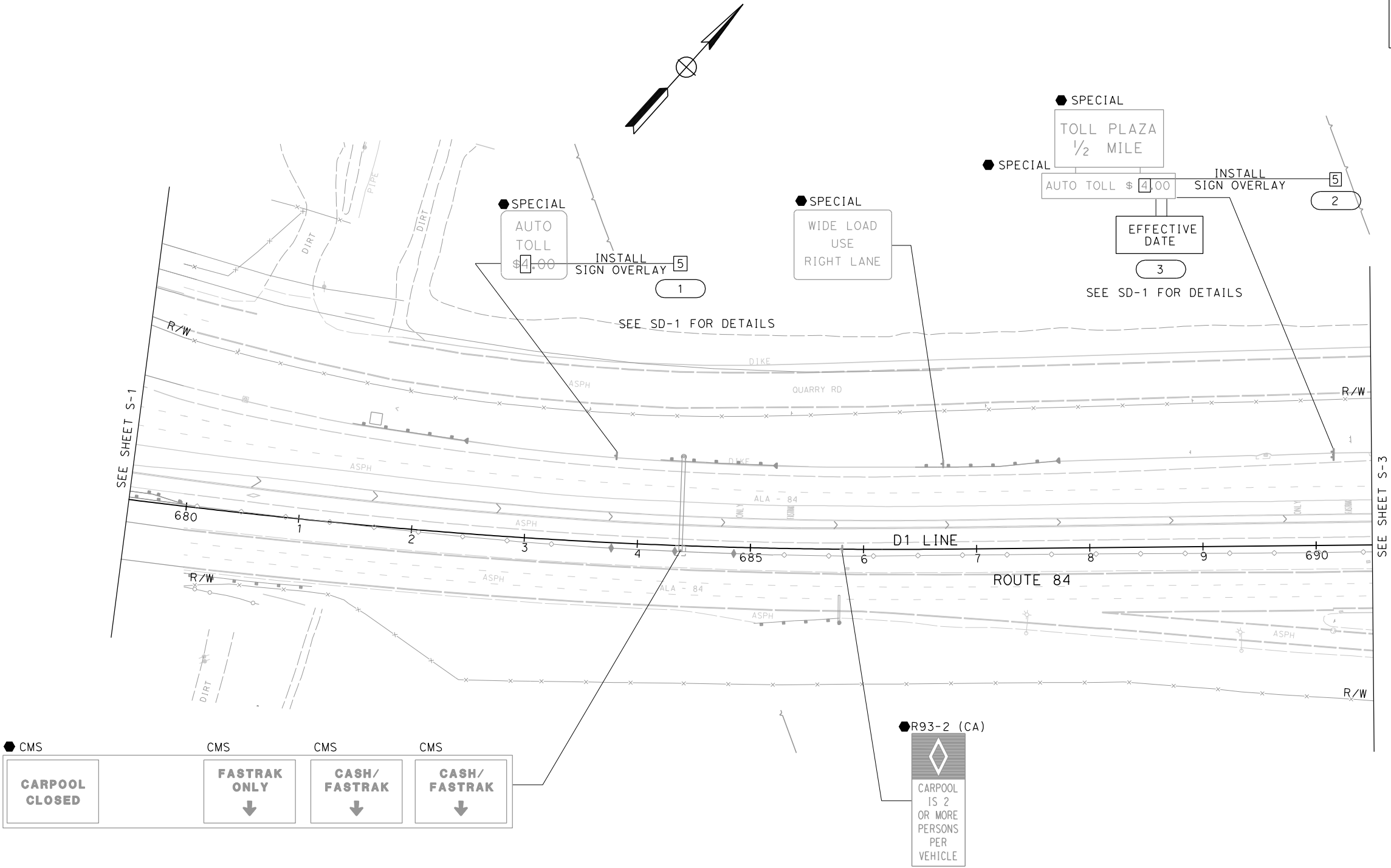
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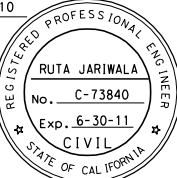
S-1

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:29:08 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	CALCULATED-DESIGNED BY	REVISOR	DATE
RAMSEY HUSSEN	PRASHANTH DULLU	RUTA JARIWALA			

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	44	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER			February 8, 2010		
PLANS APPROVAL DATE					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

DUMBARTON BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50' S-2


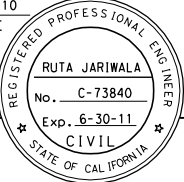
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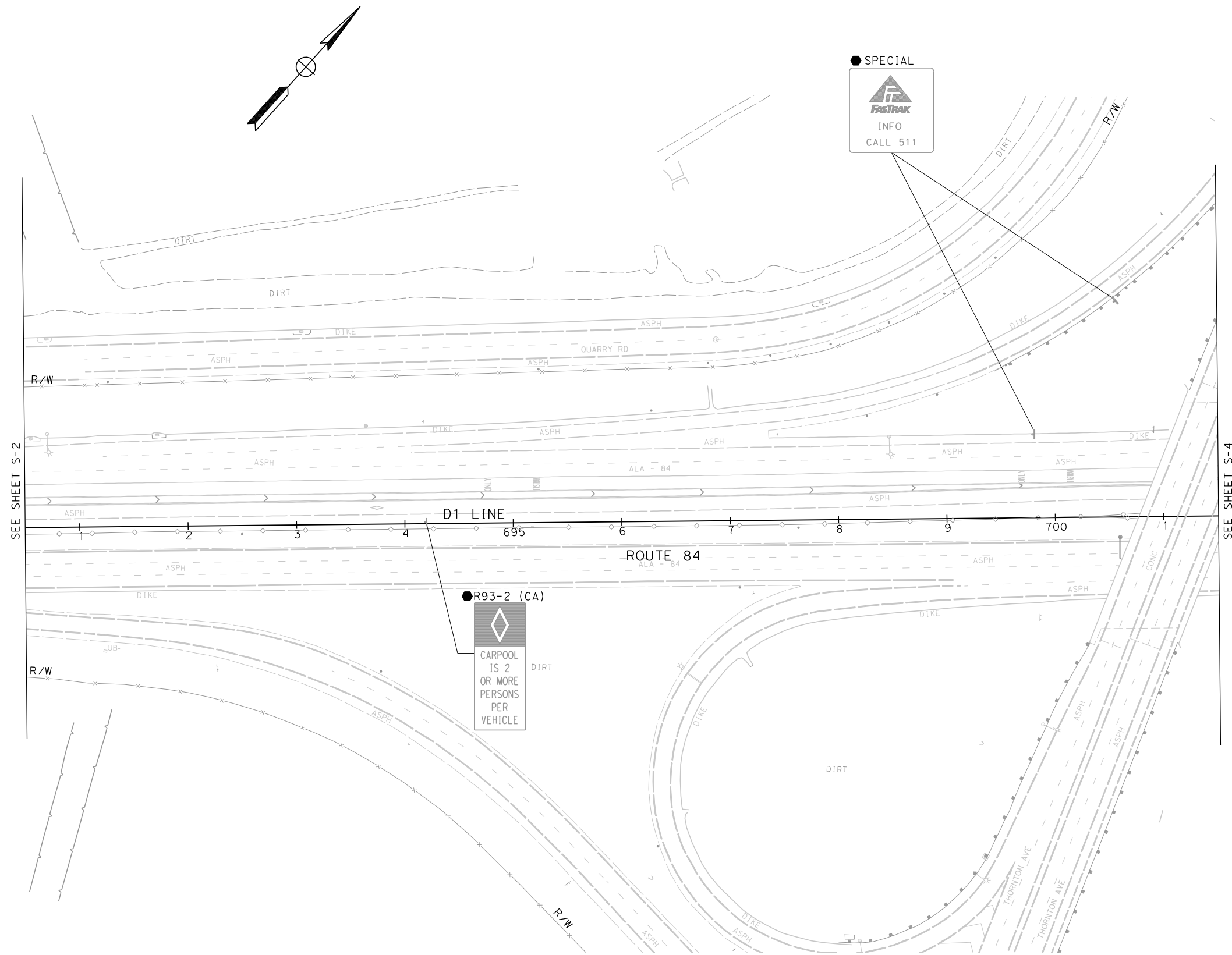
RELATIVE BORDER SCALE
IS IN INCHES

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DGN FILE => ... \06_Dumbarton\SIGNS\DB-2.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:29:13 PM
LAST REVISION
00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	45	101
			2-5-10		
REGISTERED CIVIL ENGINEER			DATE		
February 8, 2010					
PLANS APPROVAL DATE					
<p><i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i></p>					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SCALE: 1":50'

S - 3


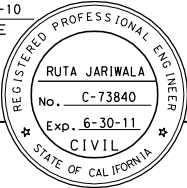
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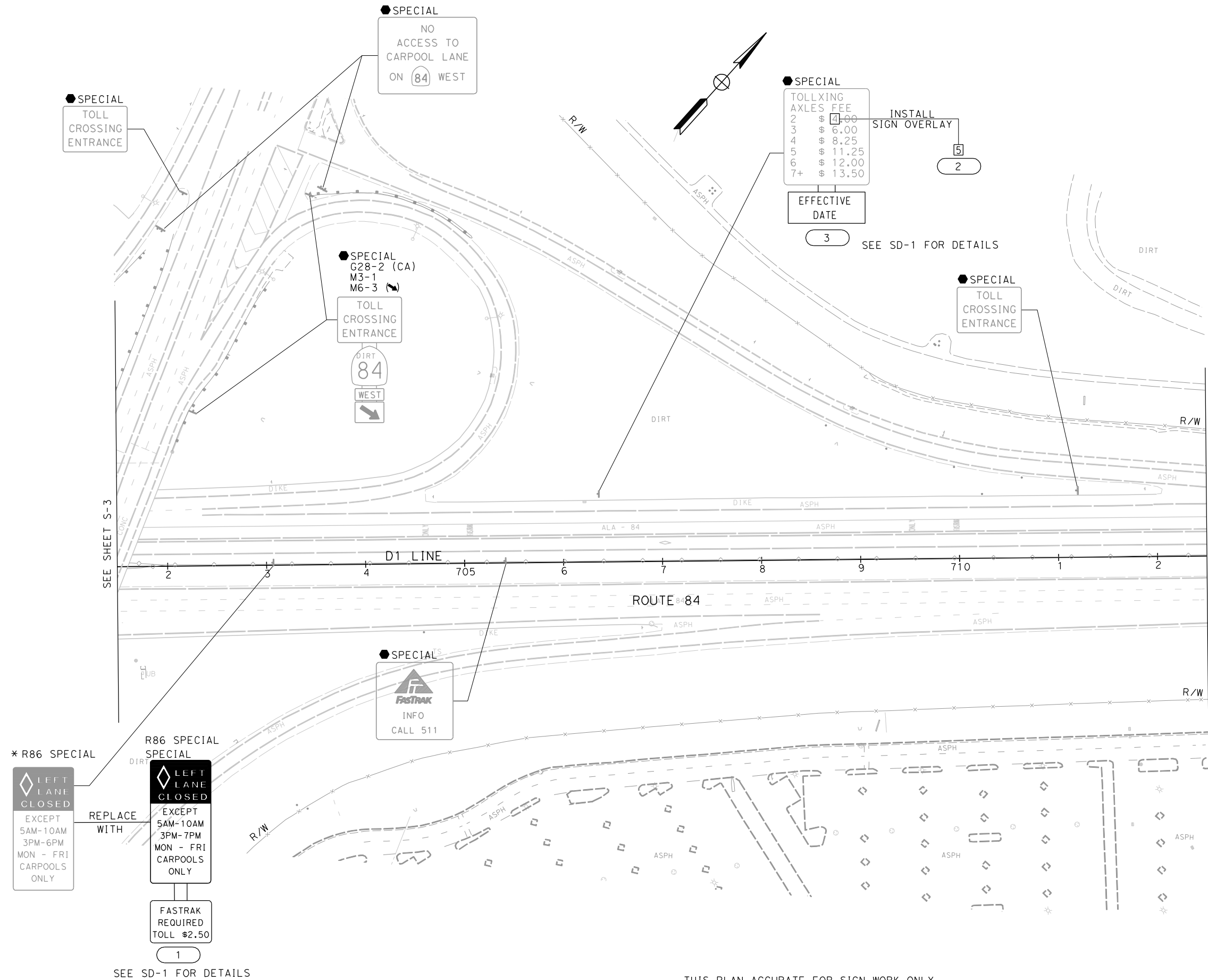
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00-00-00

00-00-00

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	46	101
			2-5-10		
REGISTERED CIVIL ENGINEER			DATE		
February 8, 2010					
PLANS APPROVAL DATE					
<p><i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i></p>					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

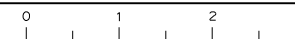


THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SCALE: 1":50'

S - 4

RELATIVE BORDER SCALE
IS IN INCHES



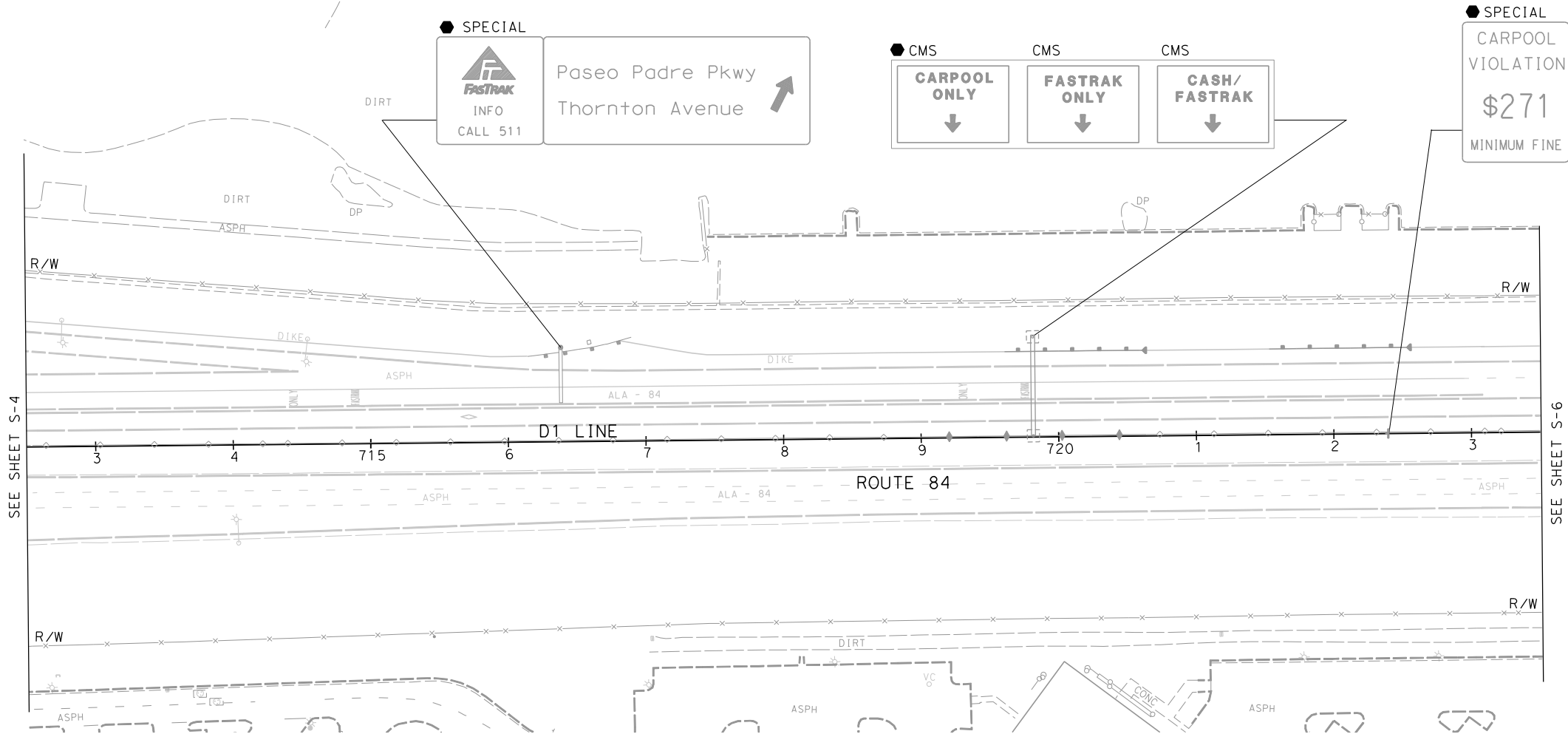
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BATA-005

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



THIS PLAN ACCURATE FOR SIGN WORK ONLY.



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DGN FILE => ...\\06_Dumbarton\\SIGNS\\DB-5.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	47	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

DUMBARTON BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50'

S-5

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	48	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

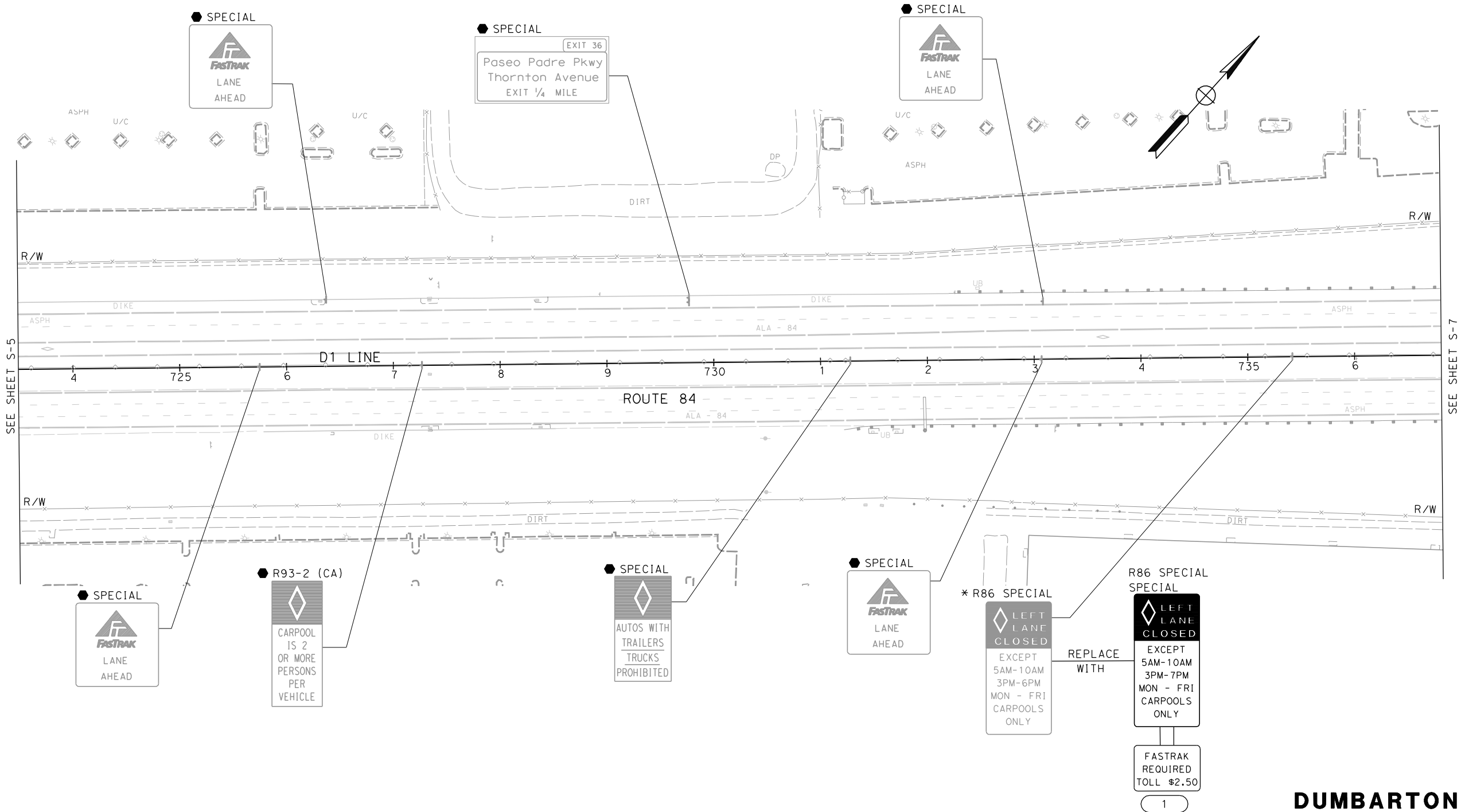
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



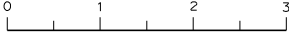
THIS PLAN ACCURATE FOR SIGN WORK ONLY.

SEE SD-1 FOR DETAILS

DUMBARTON BRIDGE
TOLLING SIGN PLANS
S-6

SCALE: 1"=50'

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ...\\06_Dumbarton\\SIGNS\\DB-6.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HUSSEN

CALCULATED-DESIGNED BY

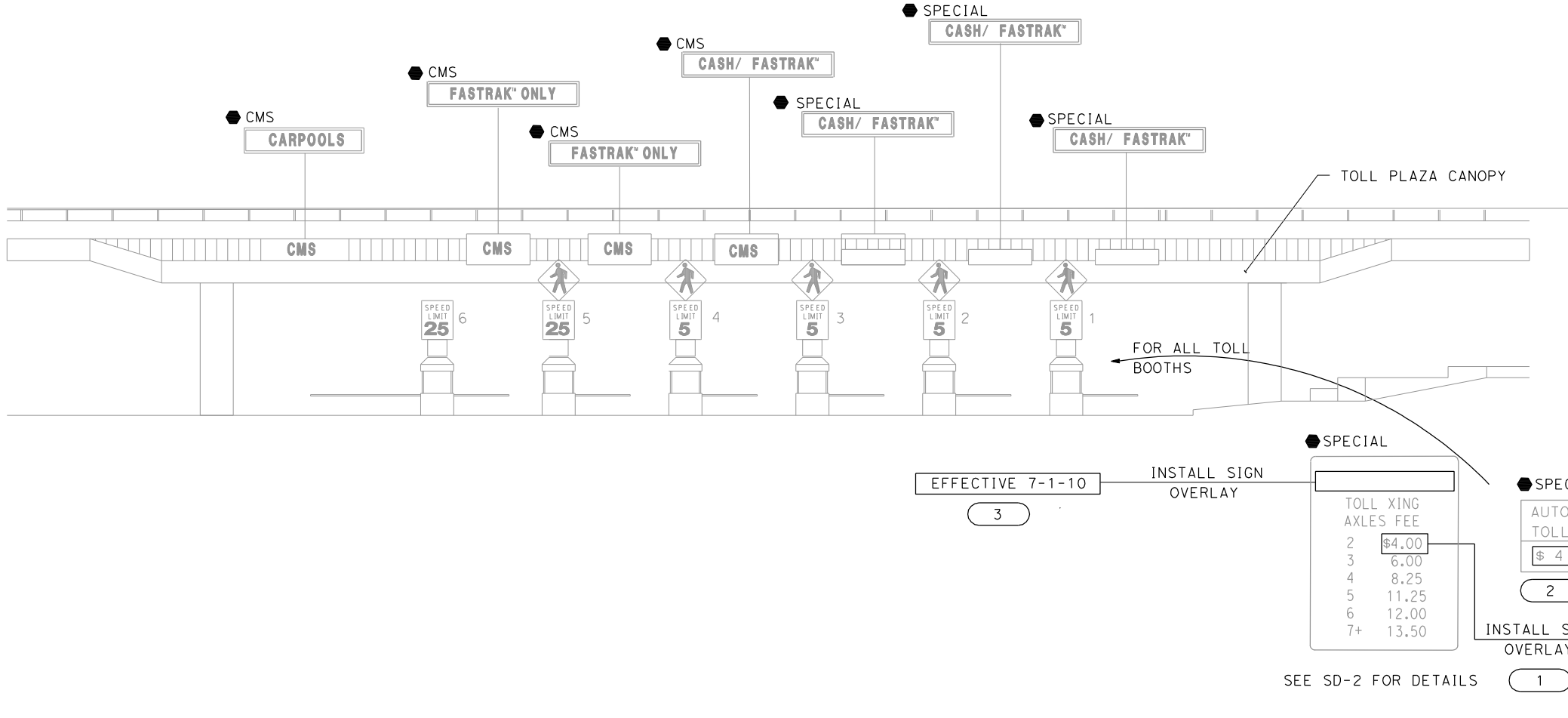
CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED



NOTES:
1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	84	3.2/6.9	50	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

DUMBARTON BRIDGE
TOLLING SIGN PLANS

NO SCALE

S-8

THIS PLAN ACCURATE FOR SIGN WORK ONLY.



USERNAME => beshoy_demyan
DGN FILE => ...\\06_Dumbarton\\SIGNS\\DB-8.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:29:38 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC/SOL

80

13.3/0.6

54

101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS
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COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL		OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE	OVERHEAD		
						SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	SHEETING COLOR	RETRO- REFLECTIVE ASTM TYPE	PREMIUM				
			FT x FT	SQFT						SQFT	SQFT	SQFT		
S-1	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X			1.17	
S-1	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-1	A-1	SPECIAL	12.00 X 8.33	99.96	X	WHITE	III	BLACK	PLAIN	X		99.96		
S-2	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X			1.17	
S-2	2	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X			0.56	
S-2	3	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-4	1	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-4	2	SPECIAL	0.42 X 0.42	0.18	X	WHITE	III	BLACK	PLAIN	X			0.18	
S-4	3	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-6	1	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	1	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X			0.56	
S-7	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-7	3	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHTe/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	4	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	5	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-7	6	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75			
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-8	1	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X			6 X 0.21 = 1.26	TOTAL OF 6 SIGNS
S-8	2	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X			6 X 0.75 = 4.50	TOTAL OF 6 SIGNS
S-8	3	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X			6 X 0.30 = 1.80	TOTAL OF 6 SIGNS
TOTAL											130.50	99.96	11.20	

DUMBARTON BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

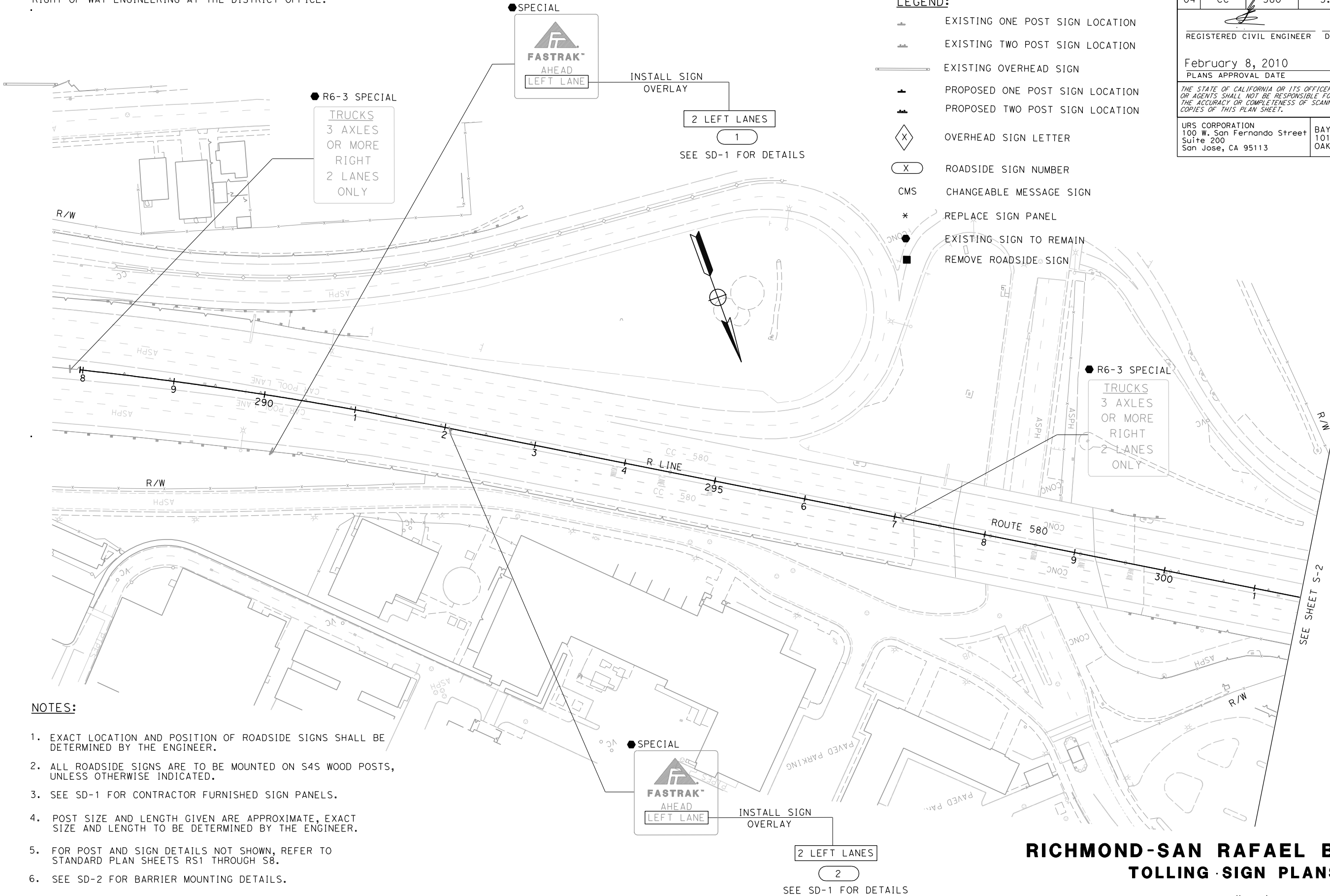
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BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:30:12 PM

00-00-00

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	55	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

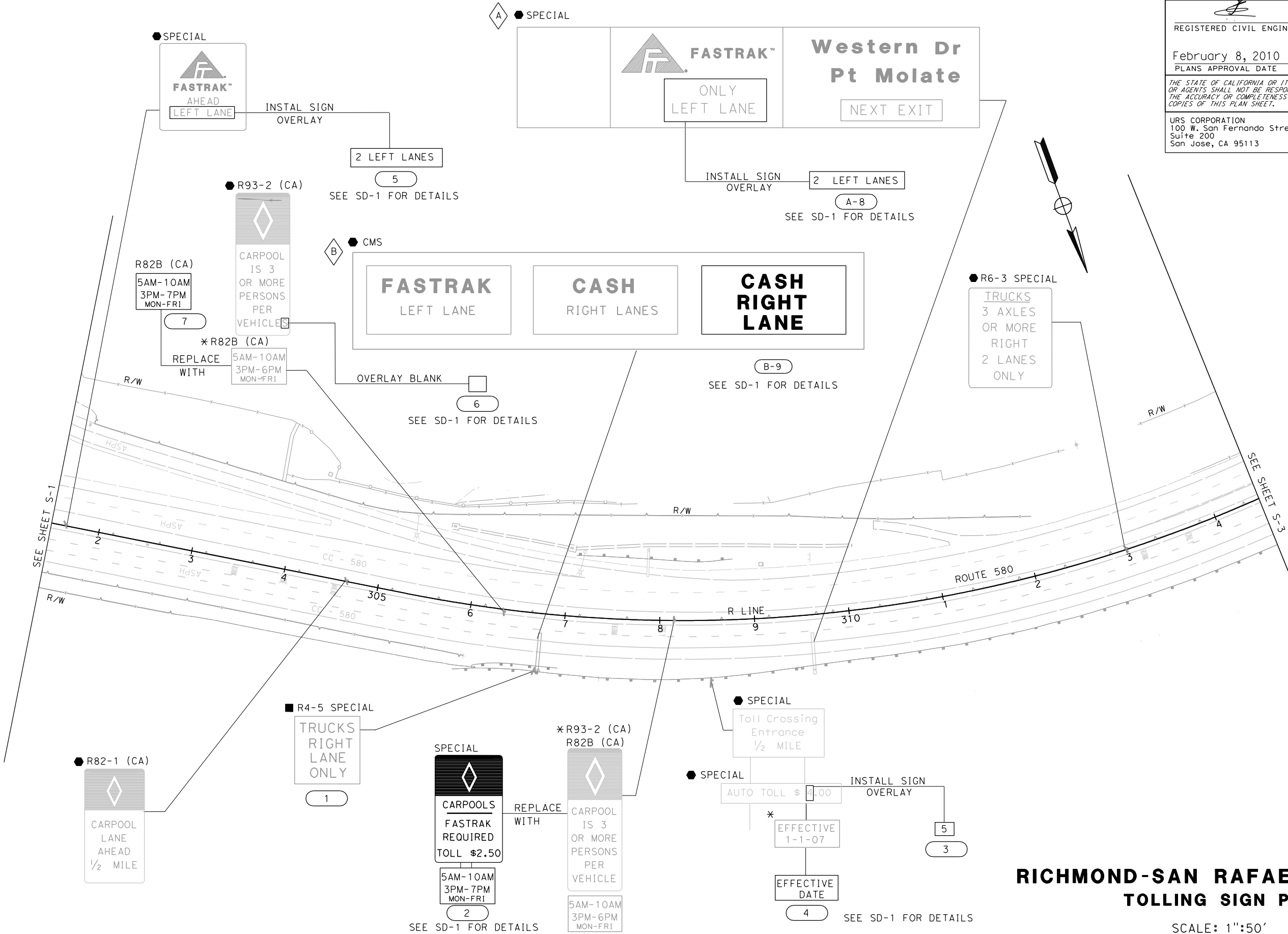


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BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	REVISION	DATE	BY	REASON
ETC	REVISOR	REVISION	DATE	BY	REASON
CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	REVISION	DATE	BY	REASON
CALCULATED-DESIGNED BY	REVISOR	REVISION	DATE	BY	REASON
CHECKED BY	REVISOR	REVISION	DATE	BY	REASON
PRASHANTH DULLU	REVISOR	REVISION	DATE	BY	REASON
RUTA JARIWALA	REVISOR	REVISION	DATE	BY	REASON

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.


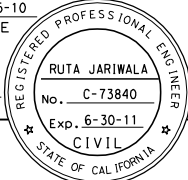


THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	56	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010					
PLANS APPROVAL DATE					
<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENCIES SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		


RICHMOND-SAN RAFAEL BRIDGE TOLLING SIGN PLANS

SCALE: 1"=50'

S-2

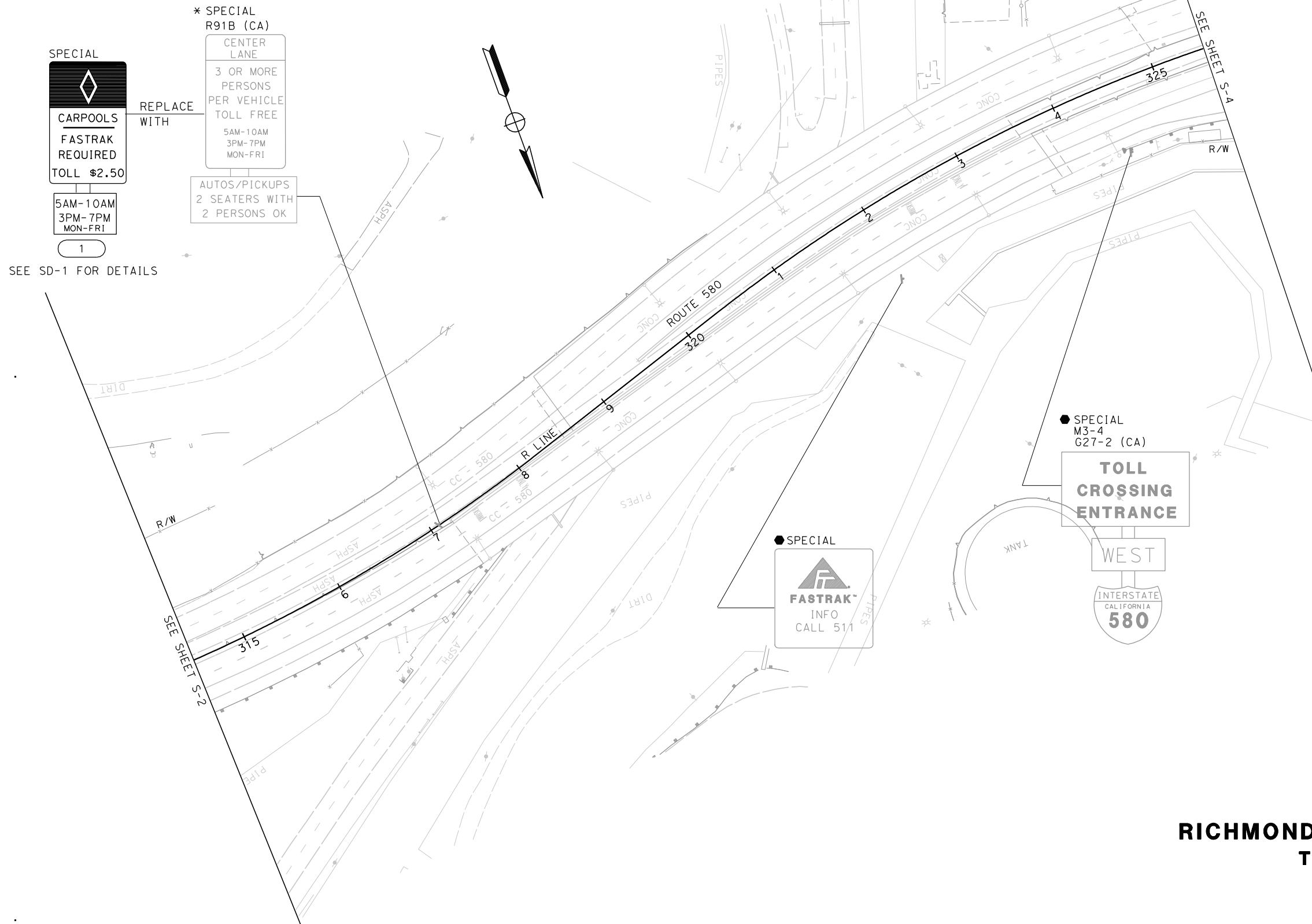
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LAST REVISION
00-00-00

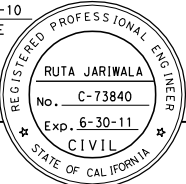
BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED- DESIGNED BY	PRASHANTH DULLU	REVISED BY		
	RAMSEY HUSSEN						
							



FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	57	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

**RICHMOND-SAN RAFAEL BRIDGE
TOLLING SIGN PLANS**

SCALE: 1":50' **S-3**

THIS PLAN ACCURATE FOR SIGN WORK ONLY.




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DGN FILE => ...\\05_Richmond\\SIGNS\\RICH-S-3.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:27:05 PM
LAST REVISION
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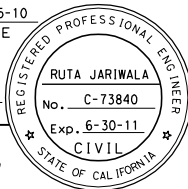
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER

2-5-10

DATE



February 8, 2010

PLANS APPROVAL DATE

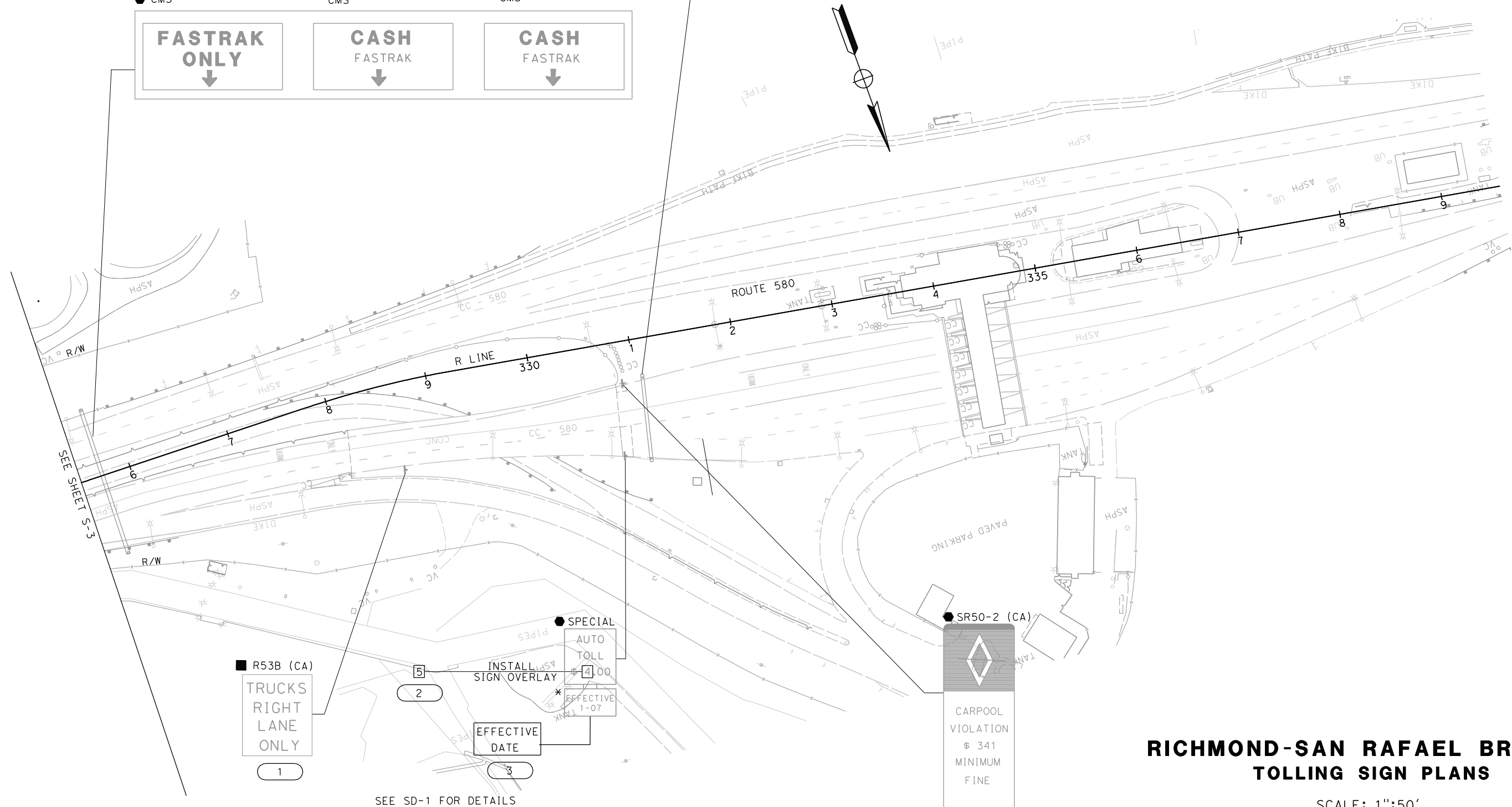
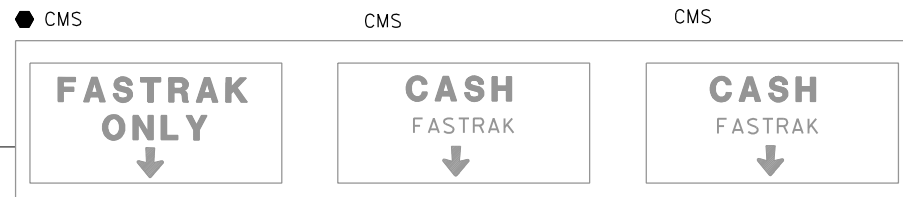
THE STATE OF CALIFORNIA OR ITS OFFICERS
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<p>URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113</p>	<p>BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607</p>
--	--

	<p>TOLL VIOLATIONS</p> <p>\$ 100 MINIMUM FINE</p>	 <p>FASTRAK™</p> <p>INFO</p> <p>CALL 511</p>		<p>WIDE LOAD</p> <p>USE</p> <p>RIGHT LANE</p>
	<p>ENFORCED BY VIDEO</p>			



**WIDE LOAD
USE
RIGHT LANE**



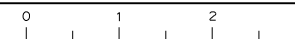
RICHMOND-SAN RAFAEL BRIDGE TOLLING SIGN PLANS

SCALE: 1":50'

S - 4

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



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BATA-005

DATE PLOTTED => 2/8/2010	TIME PLOTTED => 12:27:09 PM
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HUSSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	59	101

REGISTERED CIVIL ENGINEER

2-5-10

DATE

February 8, 2010

PLANS APPROVAL DATE

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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

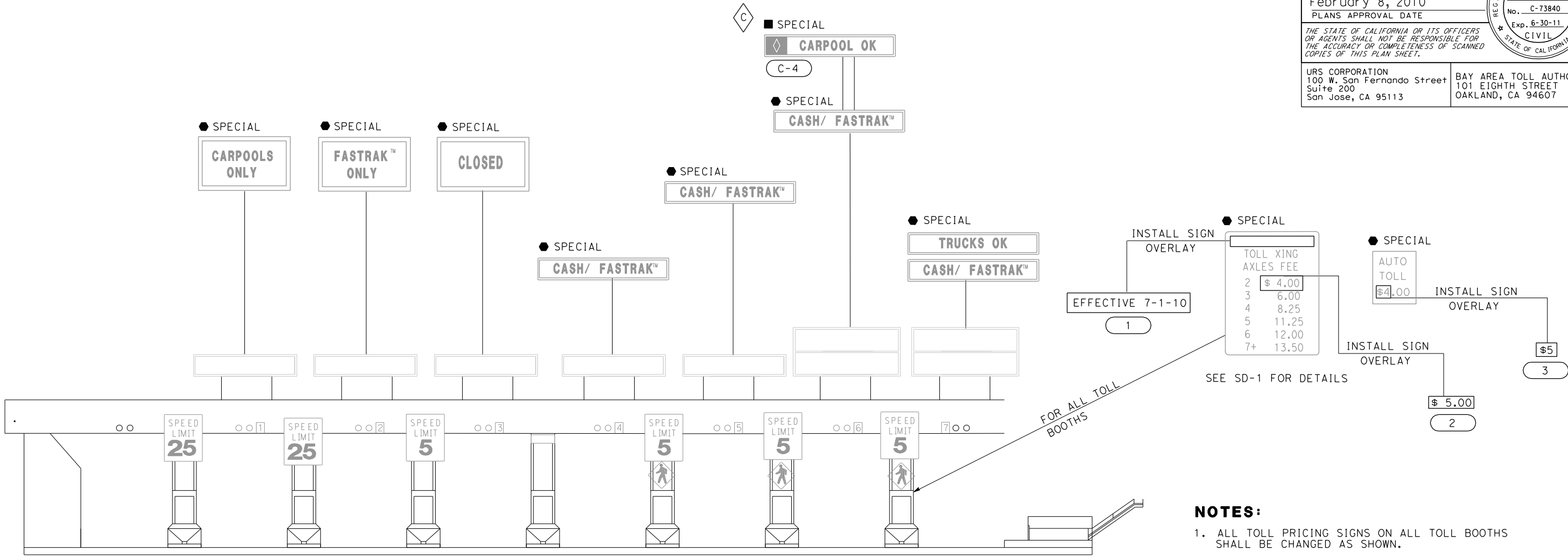
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



RICHMOND-SAN RAFAEL BRIDGE

TOLLING SIGN PLANS

NO SCALE


S-5

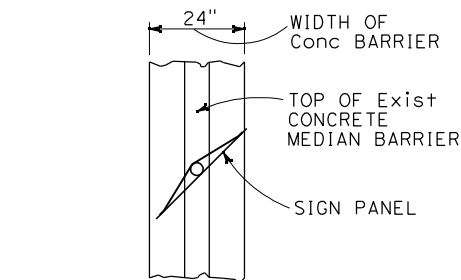
THIS PLAN ACCURATE FOR SIGN WORK ONLY.



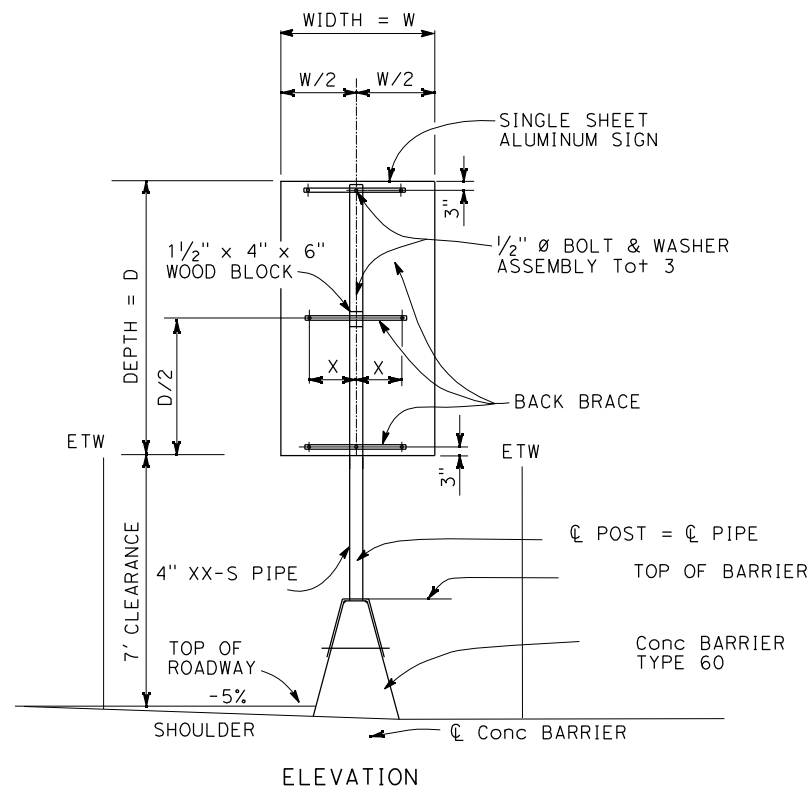
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BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	RAMSEY HESSEN	• PRASHANTH DULLU	•	
		CHECKED BY	• RUTA JARIWALA	DATE REVISED

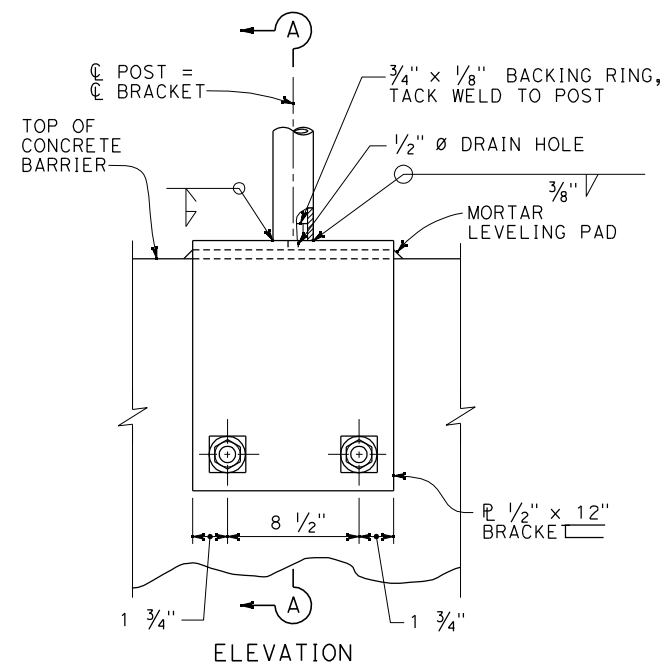


SKEW SIGN PANEL INSTALLATION DETAIL

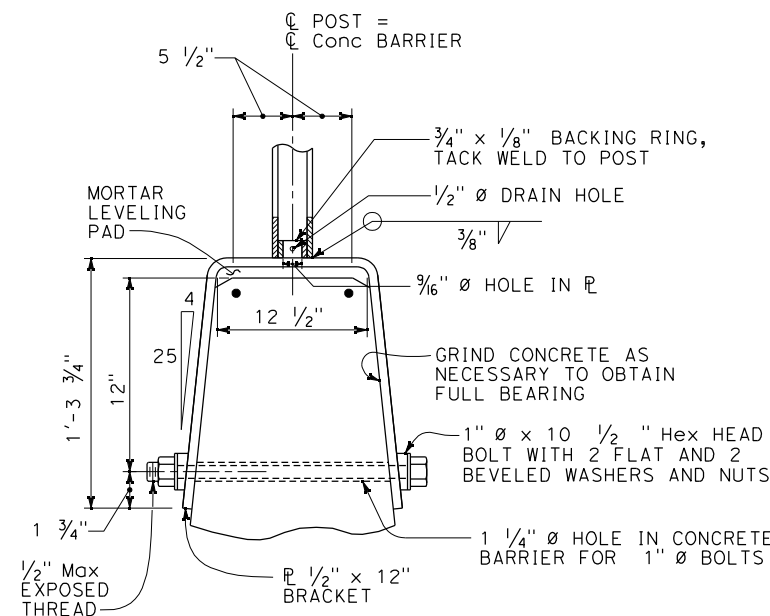


SIGN POST ON CONCRETE BARRIER

ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN

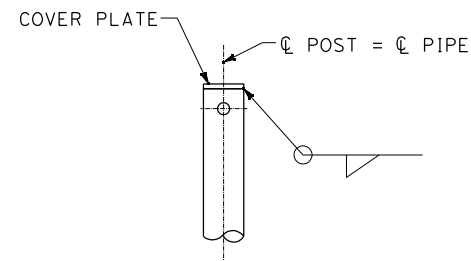


MOUNTING BRACKET

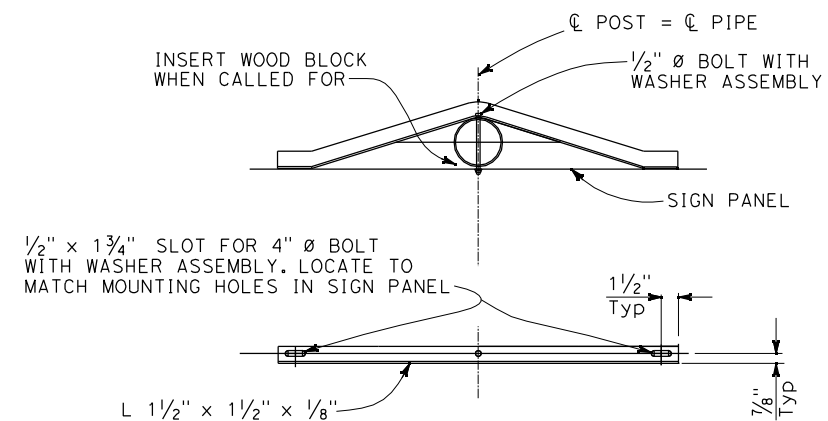


SECTION A-A

BASE PLATE AND ANCHORAGE DETAILS



TOP OF POST DETAIL



BACK BRACE DETAILS


- NOTES:

1. FOR DETAILS NOT SHOWN SEE STANDARD PLANS
2. WASHER ASSEMBLY CONSISTS OF TWO
FLAT WASHERS, NUT, FIBER WASHER AND JAM NUT.
3. ALL SIGN PANELS ARE CONTRACTOR FURNISHED.
4. ALL STEEL GALVANIZED AFTER FABRICATION.

RICHMOND-SAN RAFAEL BRIDGE SIGN DETIALS

NO SCALE


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	61	101


 _____ DATE 2-5-10

REGISTERED CIVIL ENGINEER

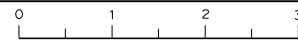
February 8, 2010

PLANS APPROVAL DATE



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URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
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DGN FILE => ... \05_Richmond\SIGNS\SD-2.dgn

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BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	62	101

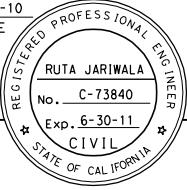


REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	INSTALL SIGN OVERLAY (N)	REPLACE SIGN PANEL (ROADSIDE SIGN)	REMOVE ROADSIDE SIGN	REMARKS
			FT x FT	EA	EA	EA	EA	
S-1	1	SPECIAL	3.50 X 0.50		1			OVERLAY "LEFT LANE" WITH "2 LEFT LANES"
S-1	2	SPECIAL	3.50 X 0.50		1			OVERLAY "LEFT LANE" WITH "2 LEFT LANES"
S-2	1	R4-5 SPECIAL					1	REMOVE
S-2	2	SPECIAL	3.50 X 6.50			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
		R82B (CA)	2.50 X 2.00			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
S-2	3	SPECIAL	0.75 X 0.75		1			OVERLAY "4" WITH "5"
S-2	4	SPECIAL	3.00 X 1.50			1		REPLACE SIGN PANEL WITH "NEW DATE"
S-2	5	SPECIAL	3.50 X 0.50		1			OVERLAY "LEFT LANE" WITH "2 LEFT LANES"
S-2	6	R93-2 (CA)	0.33 X 0.33		1			OVERLAY "S" WITH "BLANK"
S-2	7	R82B (CA)	2.50 X 2.00			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
S-3	1	SPECIAL	3.50 X 6.50			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
		R82B (CA)	2.50 X 2.00			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
S-4	1	R53B (CA)					1	REMOVE
S-4	2	SPECIAL	1.08 X 1.08		1			OVERLAY "4" WITH "5"
S-4	3	SPECIAL	3.00 X 1.50			1		REPLACE THE EXISTING SIGN WITH NEW SIGN
S-5	1	SPECIAL	1.75 X 0.16		7			OVERLAY WITH "NEW DATE"
S-5	2	SPECIAL	0.83 X 0.25		7			OVERLAY "\$4.00" WITH "\$5.00"
S-5	3	SPECIAL	1.00 X 0.75		7			OVERLAY "\$4" WITH "\$5"
TOTAL					27	7	2	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

OVERHEAD SIGN QUANTITIES

SHEET No.	STRUCTURE No.	SIGN No.	SIGN CODE	PANEL SIZE	OVERLAY ROADSIDE SIGN (N)	INSTALL SIGN PANEL ON EXISTING STRUCTURE (N)	REMOVE SIGN PANEL	REMARKS
				FT x FT	EA	EA		
S-2	A	A-8	SPECIAL	9.58 X 3.33	1			OVERLAY "ONLY LEFT LANE" WITH " 2 LEFT LANES"
S-2	B	B-9	SPECIAL	8.00 X 5.83		1		INSTALL SIGN PANEL "CASH RIGHT LANE" ON EXISTING STRUCTURE
S-5	C	C-4					1	REMOVE
TOTAL					1	1	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

RICHMOND-SAN RAFAEL BRIDGE
SIGN QUANTITIES

NO SCALE

SQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HUSSEN

CALCULATED-BY
DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC

580

5.4/6.2

63

101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL		OVERLAY (SINGLE SHEET/ OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE	OVERHEAD		
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UN- FRAMED ALUMINUM (0.063")	FORMED WITH RSPF		
											SQFT	SQFT		
S-1	1	SPECIAL	3.50 X 0.50	1.75	X	WHITE	III	BLACK	PLAIN	X			1.75	
S-1	2	SPECIAL	3.50 X 0.50	1.75	X	WHITE	III	BLACK	PLAIN	X			1.75	
S-2	2	SPECIAL	3.50 X 6.50	22.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	22.75			
		R82B (CA)	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-2	3	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X			0.56	
S-2	4	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-2	5	SPECIAL	3.50 X 0.50	1.75	X	WHITE	III	BLACK	PLAIN	X			1.75	
S-2	6	R93-2 (CA)	0.33 X 0.33	0.11	X	WHITE	III	-	-	X			0.11	
S-2	7	R82B (CA)	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-2	A-8	SPECIAL	9.58 X 3.33	31.90	X	WHITE	III	BLACK	PLAIN	X			31.90	
S-2	B-9	SPECIAL	8.00 X 5.83	46.64	X	WHITE	III	BLACK	PLAIN	X		46.64		
S-3	1	SPECIAL	3.50 X 6.50	22.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	22.75			
		R82B (CA)	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00			
S-4	2	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X			1.17	
S-4	3	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50			
S-5	1	SPECIAL	1.75 X 0.16	0.28	X	WHITE	III	BLACK	PLAIN	X			7 X 0.28 = 1.96	TOTAL OF 7 SIGNS
S-5	2	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X			7 X 1.47 = 1.47	TOTAL OF 7 SIGNS
S-5	3	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X			7 X 0.75 = 5.25	TOTAL OF 7 SIGNS
TOTAL											69.50	46.64	47.67	

RICHMOND-SAN RAFAEL BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan

DGN FILE => ... \SIGNS\RICH-SQ-2.dgn

BATA-005

DATE PLOTTED => 2/8/2010

TIME PLOTTED => 12:27:34 PM

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

- No. STANDARD PAVEMENT DELINEATION DETAIL No.
- CHANGE OF PAVEMENT DELINEATION

NOTES:

1. ALL STRIPES AND PAVEMENT MARKINGS ARE TO BE THERMOPLASTIC EXCEPT NOTED OTHERWISE.
2. CONTRACTOR SHALL REMOVE ANY EXISTING CONFLICTING STRIPING, PAVEMENT MARKERS, MARKINGS, AND DELINEATOR.
3. FOR DETAILS NOT SHOWN, SEE STANDARD PLAN A20A, A20B, A20C, AND A20D.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	64	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
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COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

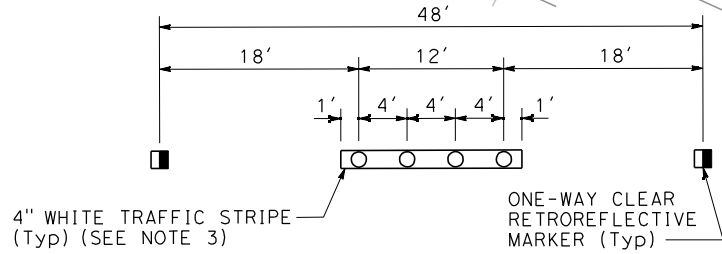
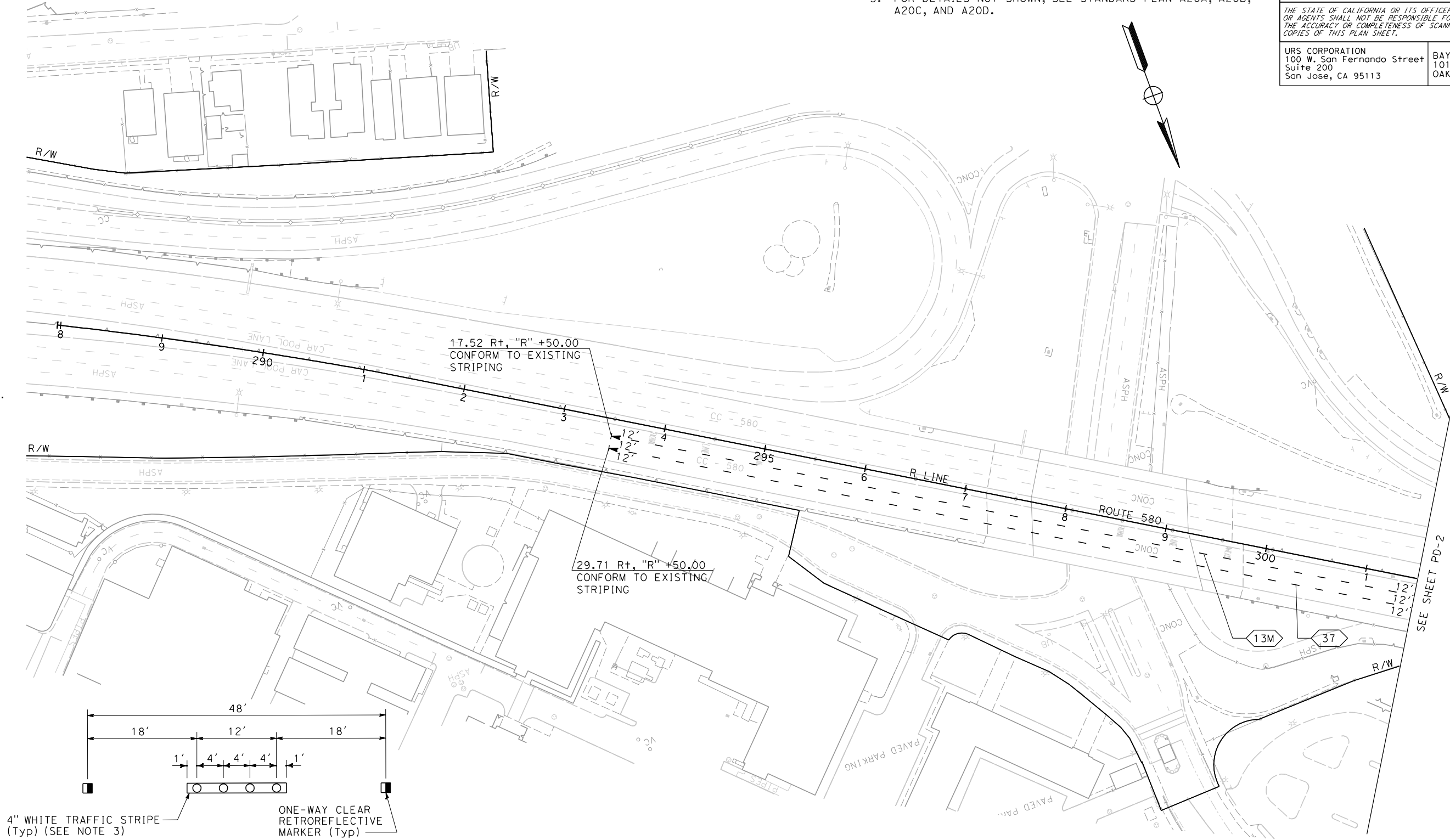
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



DETAIL 13M
NO SCALE

NOTES FOR DETAIL 13M:

1. DETAIL 13M IS MODIFIED PAVEMENT DELINEATION DETAIL 13.
2. FOR DETAILS NOT SHOWN, SEE STANDARD PLAN A20A.
3. INSTALL 4" WHITE TRAFFIC STRIPE AFTER INSTALLING PAVEMENT MARKERS.

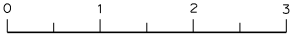
RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION

SCALE: 1"=50'

PD-1

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ...\\05_Richmond\\PD\\RICH-PD-1.dgn

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	CALCULATED-DESIGNED BY	REVISOR	DATE
RAMSEY HUSSEN	NAYAN AMIN	RUTA JARIWALA			

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	65	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

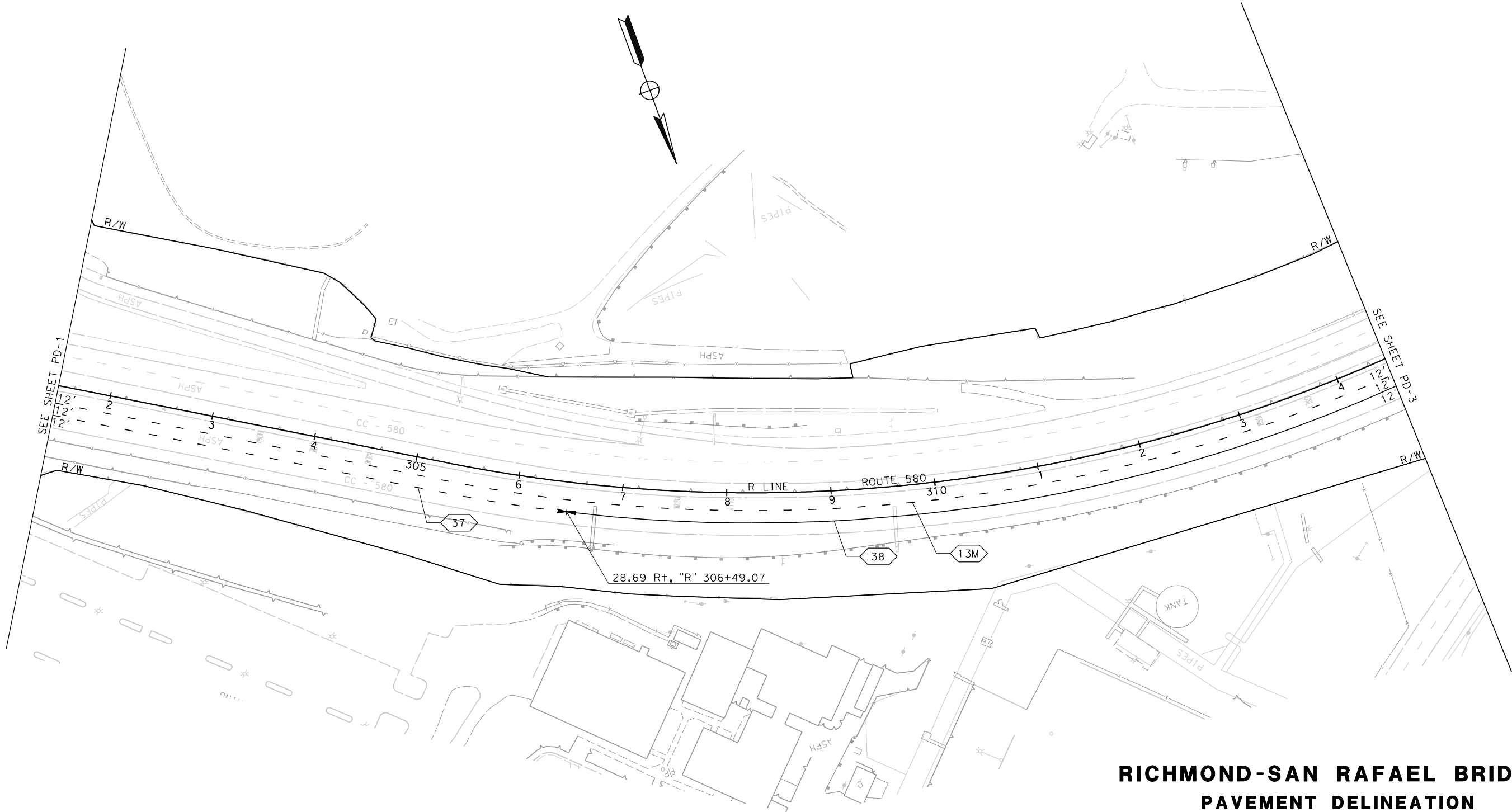
Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607



**RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION**

SCALE: 1"=50' **PD-2**

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY



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DGN FILE => ...\\05_Richmond\\PD\\RICH-PD-2.dgn

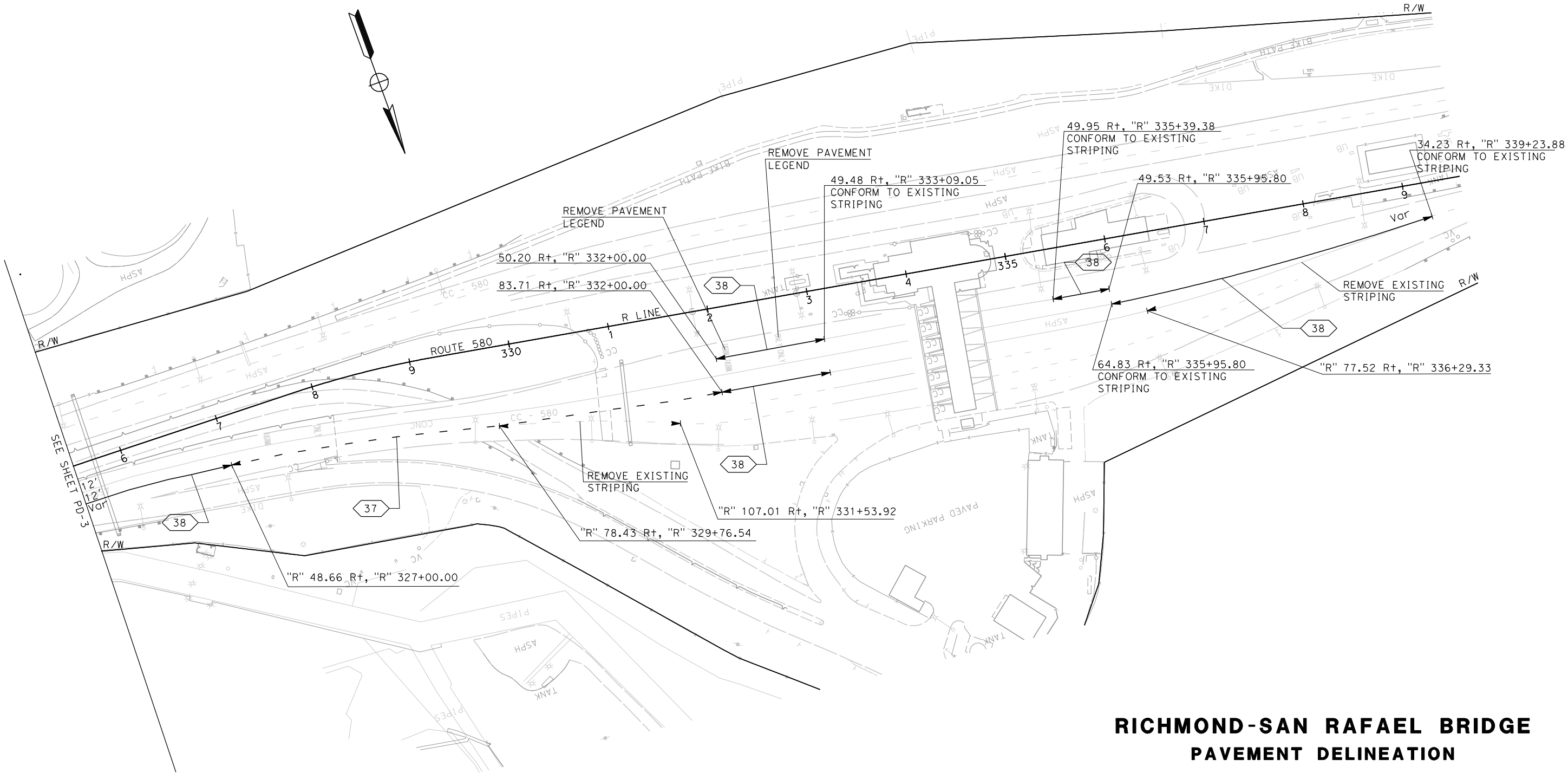
BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:39:26 PM
LAST REVISION 00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	CALCULATED-DESIGNED BY	REVISOR	DATE
RAMSEY HUSSEN	NAYAN AMIN	RUTA JARIWALA			

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

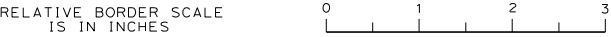
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	580	5.4/6.2	67	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			REGISTERED PROFESSIONAL ENGINEER RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



**RICHMOND-SAN RAFAEL BRIDGE
PAVEMENT DELINEATION**

SCALE: 1"=50' **PD-4**

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY



USERNAME => beshoy_demyan
DGN FILE => ... \05_Richmond\PD\RIch-PD-4.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:39:33 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HUSSEN

CALCULATED-DESIGNED BY

CHECKED BY

NAYAN AMIN

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

CC

580

5.4/6.2

68

101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010

PLANS APPROVAL DATE

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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

PAVEMENT DELINEATION QUANTITIES

SHEET No.	STATION LIMITS	LOCATION	DETAIL NO. OR PAVEMENT MARKING	LENGTH [FT]	PAVEMENT MARKER			THERMOPLASTIC PAVEMENT STRIPE			REMOVE			
					NON- REFLECTIVE	RETRO- REFLECTIVE		12, 13M, 14M	37, 37B	38, 38A, 38B	THERMO- PLASTIC TRAFFIC STRIPE	PAVEMENT MARKER	PAVEMENT MARKING	
					TYPE A/AY	TYPE C	TYPE G	4" WHITE (BROKEN 36 ft - 12 ft)	8" WHITE (BROKEN 12 ft - 3 ft)	8" WHITE SOLID	WHITE	ALL TYPES	ALL TYPES	
					EA	EA	EA	LF	LF	LF	LF	EA	SQFT	
PD-1	"R" 293+50 TO 301+50 WB	R+	13M	800	67		18	800			800	84		
	"R" 293+50 TO 301+50 WB	R+	37	800			55		800		800	55		
PD-2	"R" 301+50 TO 314+50 WB	R+	13M	1300	108		28	1300			1300	136		
	"R" 301+50 TO 306+49.07 WB	R+	37	499		8	28		499		499	37		
	"R" 306+49.07 TO 314+50 WB	R+	38	801			34			801	801	34		
PD-3	"R" 314+50 TO 323+84.64 WB	R+	13M	935	78		20	935			935	98		
	"R" 314+50 TO 325+50 WB	R+	38	1100			47			1100	1100	47		
PD-4	"R" 332+00 TO 333+09.05 WB	R+	38	109			6			109	109	6		
	"R" 335+39.38 TO 335+95.80 WB	R+	38	56			3			56	56	3		
	"R" 325+50.00 TO 327+00.00 WB	R+	38	150			7			150	150	7		
	"R" 332+00.00 TO 333+09.05 WB	R+	38	109			6			109	109	6		
	"R" 335+95.80 TO 339+23.88 WB	R+	38	328			15			328	328	15		
	"R" 327+00.00 TO 332+00.00 WB	R+	37	500		8	28		500		500	37		
	"R" 329+76.54 TO 331+53.92 WB	R+		177							177	5		
	"R" 336+29.33 TO 339+23.88 WB	R+		295							295	13		
	"R" 332+07.00 TO 332+68.00 WB	R+	"FASTRAK ONLY"										65	
	TOTAL					253	16	296	3035	1799	2654	7959	585	65

RICHMOND-SAN RAFAEL BRIDGE

PAVEMENT DELINEATION

QUANTITIES

PDQ-1

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan


DGN FILE => ...\\05_Richmond\PD\NICH-PDQ-1.dgn

BATA-005

DATE PLOTTED => 2/8/2010

TIME PLOTTED => 12:39:36 PM

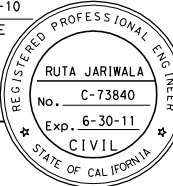
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	71	101


 _____ 2-5-10
 REGISTERED CIVIL ENGINEER DATE

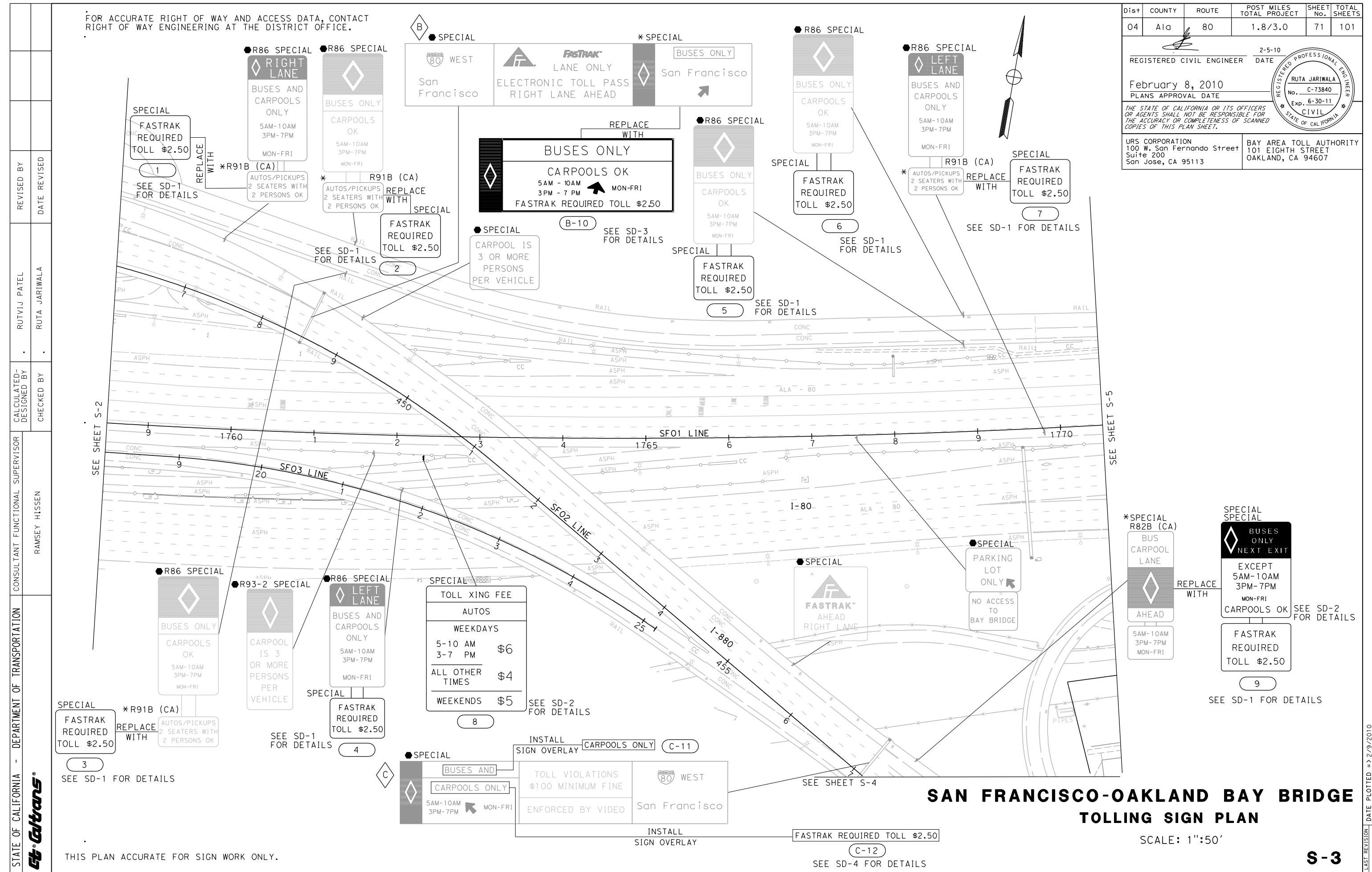
February 8, 2010

PLANS APPROVAL DATE


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THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.*



URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---



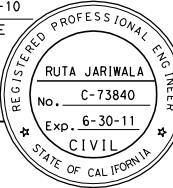
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	72	101



REGISTERED CIVIL ENGINEER

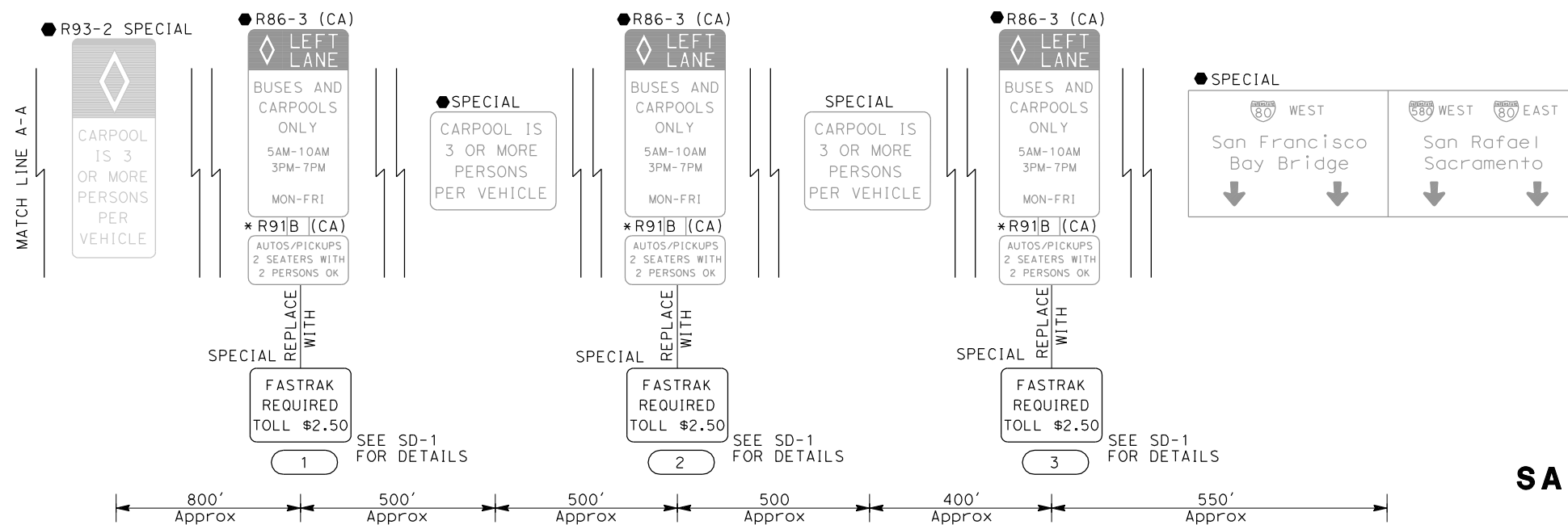
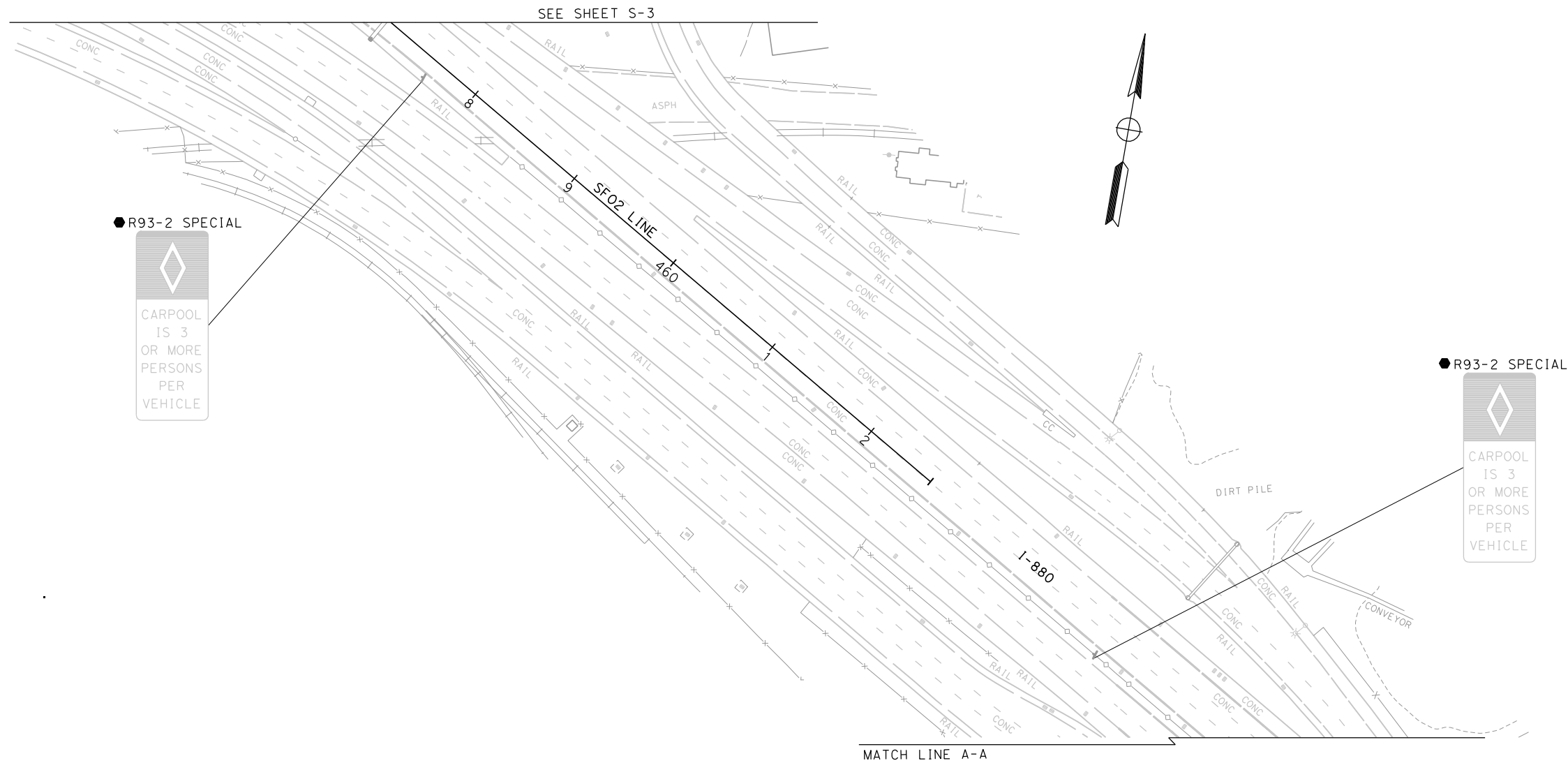
2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE



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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.*

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--	---



SAN FRANCISCO-OAKLAND BAY BRIDGE TOLLING SIGN PLAN

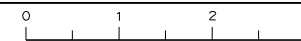
TOLLING SIGN PLAN

SCALE: 1":50'

S - 4

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



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USERNAME =>nelson_hom
DGN FILE =>...\04_sfobb\signs\SFOBB-4.dgn

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BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	RUTVIJ PATEL	REVISED BY	
et•Caltrans®		RAMSEY HUSSEN	CHECKED BY	RUTA JARIWALA	DATE REVISED	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED- DESIGNED BY	RUTVIJ PATEL	REVISED BY
Caltrans		RAMSEY HISSEN			
			CHECKED BY	RUTA JARIWALA	DATE REVISED



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans[®]

St. Cuthberts®

OF

STATE




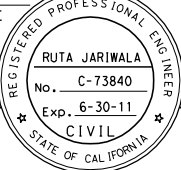
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STATE OF CALIFORNIA - DEPARTMENT OF

Caltrans

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	RUTVIJ PATEL	REVISOR	DATE
RAMSEY HISSEN	CHECKED BY	RUTA JARIWALA	DATE	REVISED BY	DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	75	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010 PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



● SPECIAL
CARPOOL IS
3 OR MORE
PERSONS
PER VEHICLE

● SPECIAL
FASTRAK™
AHEAD
LEFT LANE

● SPECIAL
FASTRAK™
AHEAD
LEFT LANE

● SPECIAL
FASTRAK™
AHEAD
RIGHT LANE

REMOVE SIGN @ 580 SPLIT SOUTH
OF SAN PABLO AVENUE
"AUTO TOLL \$4.00" &
"EFFECTIVE DATE" SIGN

■ SPECIAL
Toll Crossing
Entrance
1/2 MILE
AUTO TOLL 4.00
2

● R86 SPECIAL
BUSES AND
CARPOOL
ONLY
5AM-10AM
3PM-7PM
MON-FRI
*R91B (CA)
AUTOS/PICKUPS
2 SEATERS WITH
2 PERSONS OK

● SPECIAL
FASTRAK™
AHEAD
RIGHT LANE

SPECIAL
FASTRAK
REQUIRED
TOLL \$2.50

REPLACE
WITH
SEE SD-1 FOR DETAILS

SAN FRANCISCO-OAKLAND BAY BRIDGE TOLLING SIGN PLAN

SCALE: 1"=50'

S-7

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES


0 1 2 3

USERNAME =>nelson_hom
DGN FILE => ... \04_sfobb\signs\SF0BB-7.dgn

BATA-005

DATE PLOTTED => 2/9/2010
TIME PLOTTED => 8:14:44 AM
LAST REVISION
00-00-00

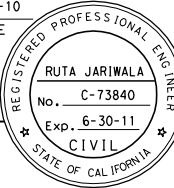
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	76	101



REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

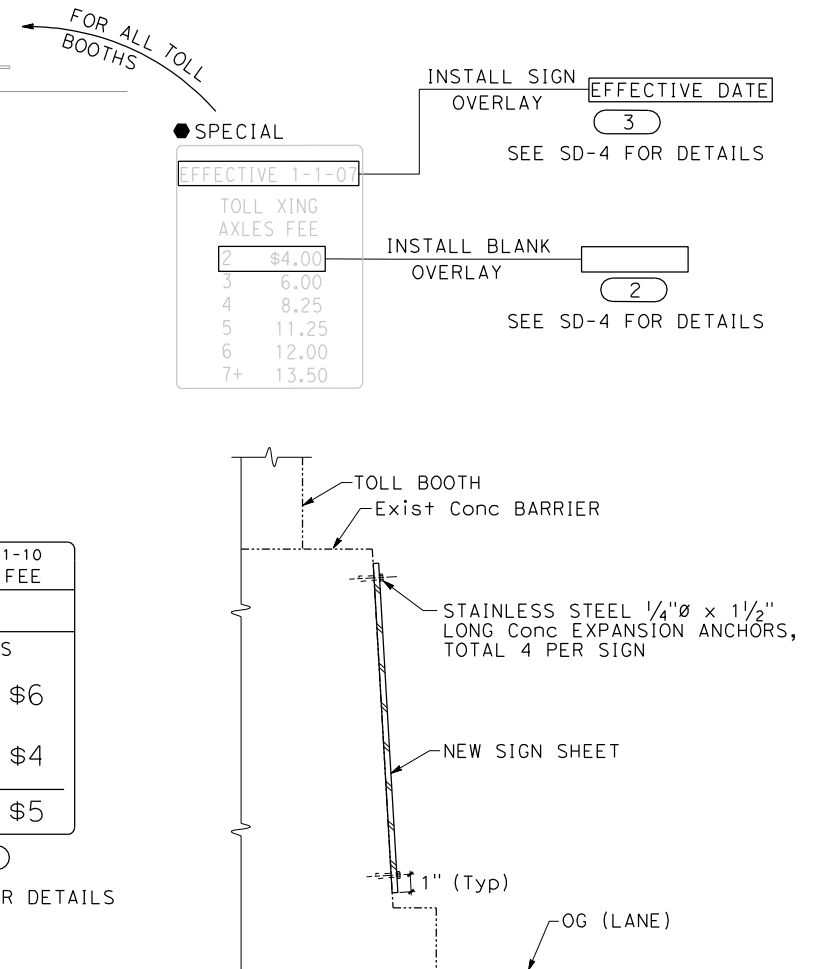


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COPIES OF THIS PLAN SHEET.*

URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113	BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607
--	---

NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.



TYPICAL SIGN ANCHOR DETAIL AT TOLL BOOTH

SAN FRANCISCO-OAKLAND BAY BRIDGE TOLLING SIGN PLAN

NO SCALE

S - 8

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



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DGN FILE =>...\04_sfobb\signs\SFOBB-8.dgn

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BATA-005

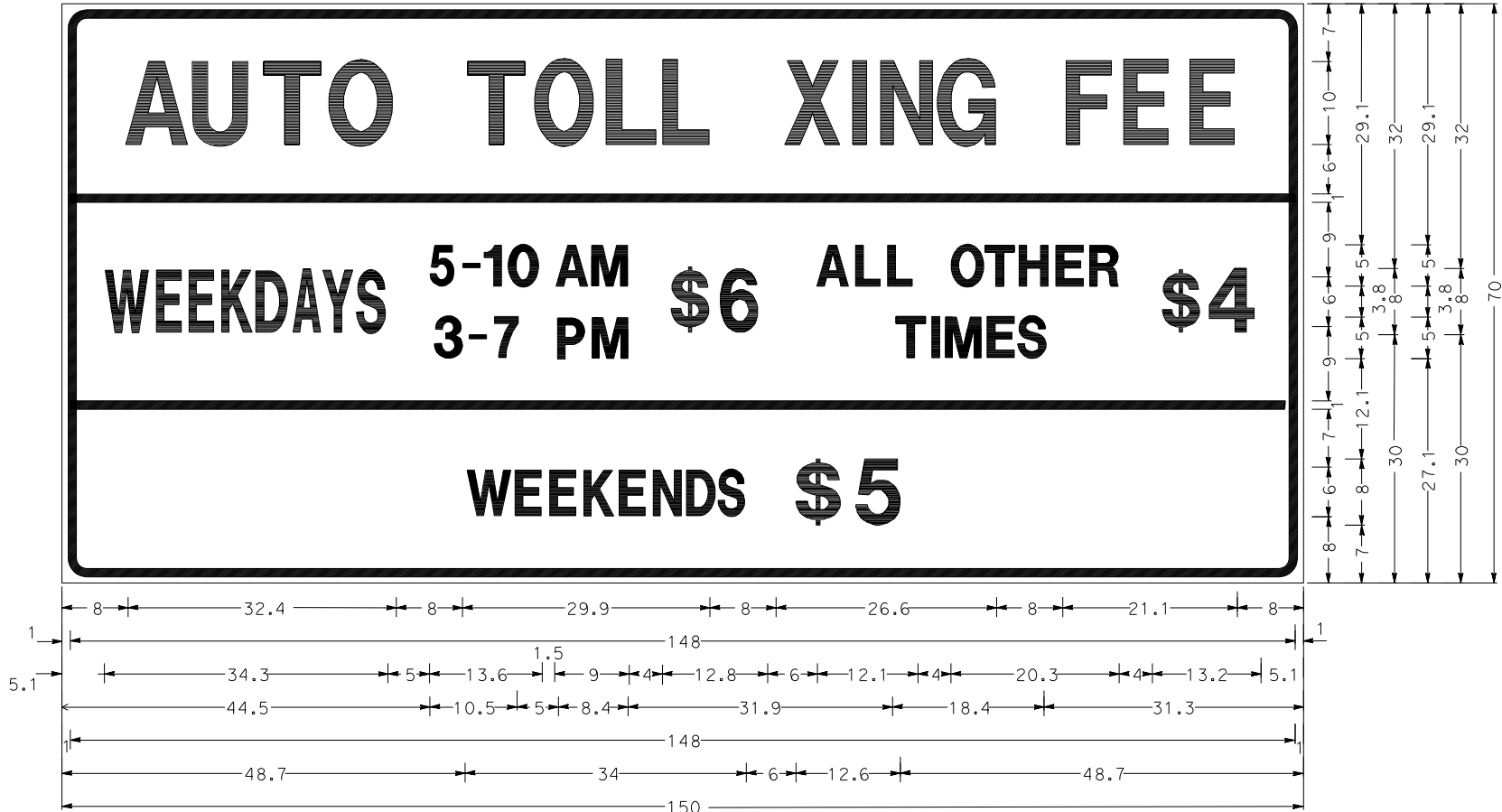
00-00-00	TIME PLOTTED => 8:14:52 AM
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1.50" RADIUS, 0.63" BORDER, 0.38" INDENT, BLACK ON WHITE;
[FASTRAK] C; [REQUIRED] C; [TOLL \$2.50] D 101% SPACING;

- SIGN 1 ON S-1 (REFER NOTE A)
- SIGN 2 ON S-1 (REFER NOTE A)
- SIGN 1 ON S-2 (REFER NOTE A)
- SIGN 2 ON S-2 (REFER NOTE A)
- SIGN 3 ON S-2 (REFER NOTE A)
- SIGN 1 ON S-3 (REFER NOTE A)
- SIGN 2 ON S-3 (REFER NOTE A)
- SIGN 3 ON S-3 (REFER NOTE A)
- SIGN 4 ON S-3 (REFER NOTE A)
- SIGN 5 ON S-3 (REFER NOTE A)
- SIGN 6 ON S-3 (REFER NOTE A)
- SIGN 7 ON S-3 (REFER NOTE A)
- SIGN 9 ON S-3 (REFER NOTE A)
- SIGN 1 ON S-4 (REFER NOTE A)
- SIGN 2 ON S-4 (REFER NOTE A)
- SIGN 3 ON S-4 (REFER NOTE A)
- SIGN 1 ON S-5 (REFER NOTE A)
- SIGN 2 ON S-5 (REFER NOTE A)
- SIGN 3 ON S-5 (REFER NOTE A)
- SIGN 1 ON S-6 (REFER NOTE A)
- SIGN 2 ON S-6 (REFER NOTE A)
- SIGN 3 ON S-6 (REFER NOTE A)
- SIGN 1 ON S-7 (REFER NOTE A)

NOTE A: CONTRACTOR SHALL BE RESPONSIBLE
FOR COVERING THIS SIGN UNTIL JUNE 30, 2010
AT WHICH TIME CONTRACTOR SHALL UNCOVER IT
FOR A JULY 1, 2010 EFFECTIVE DATE.



3.0" RADIUS, 1.0" BORDER, 0.8" INDENT, BLACK ON WHITE;
[AUTO TOLL XING FEE] D 75% SPACING; [WEEKDAYS] C; [5-10 AM] D; [3-7 PM]
D; [\$6] D; [ALL OTHER] D; [TIMES] D; [\$4] D;
[WEEKENDS] C; [\$5] D;

SIGN A-5 ON S-2 (REFER NOTE A)

SAN FRANCISCO-OAKLAND BAY BRIDGE
SIGN DETAILS

NO SCALE

SD-1

ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN

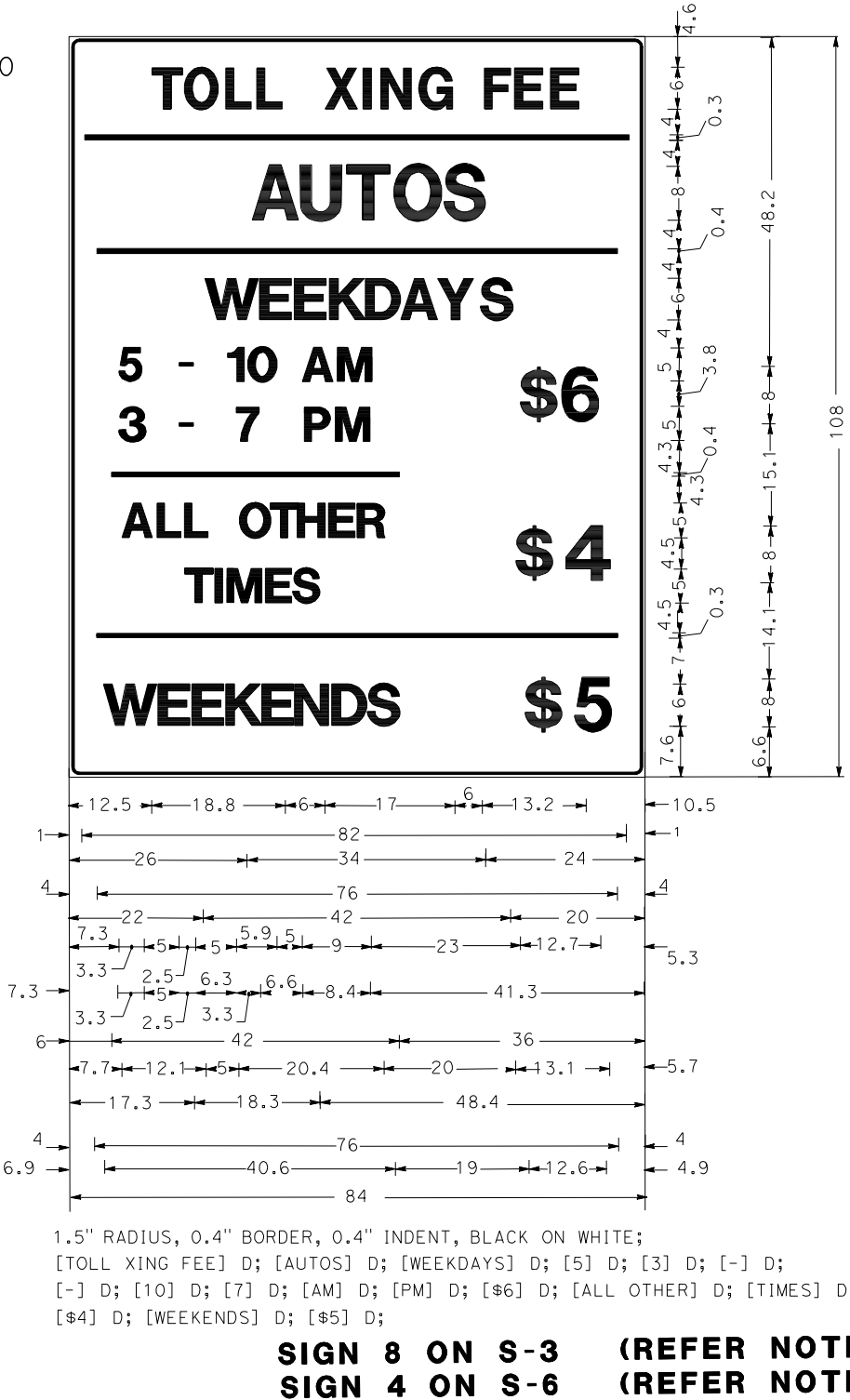
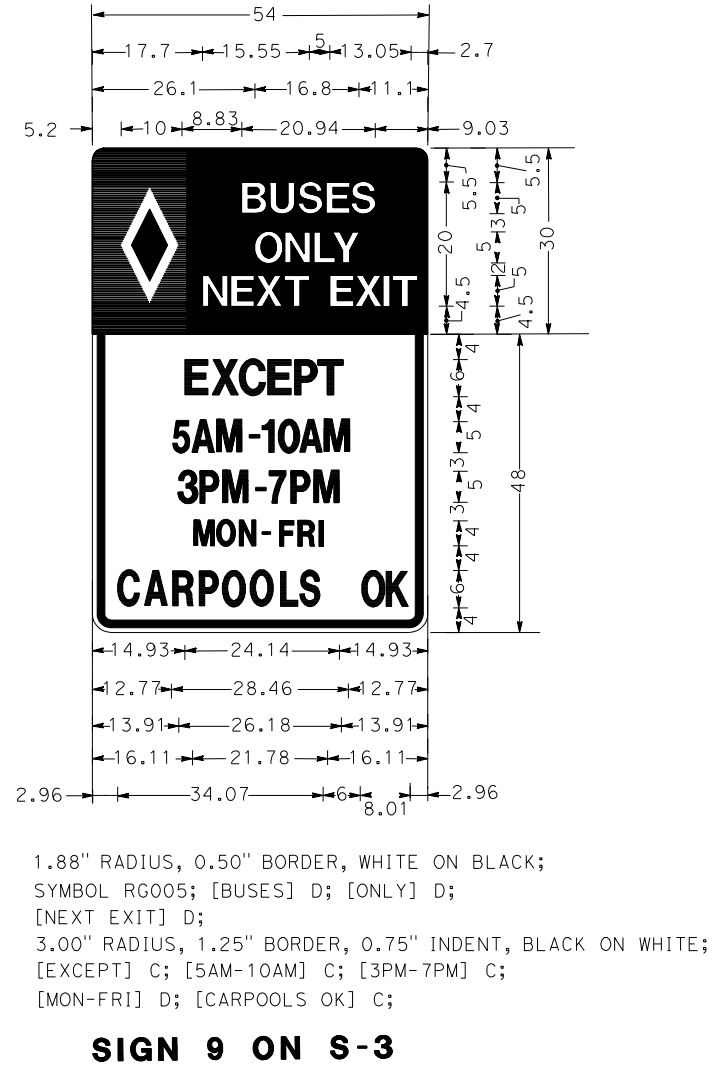
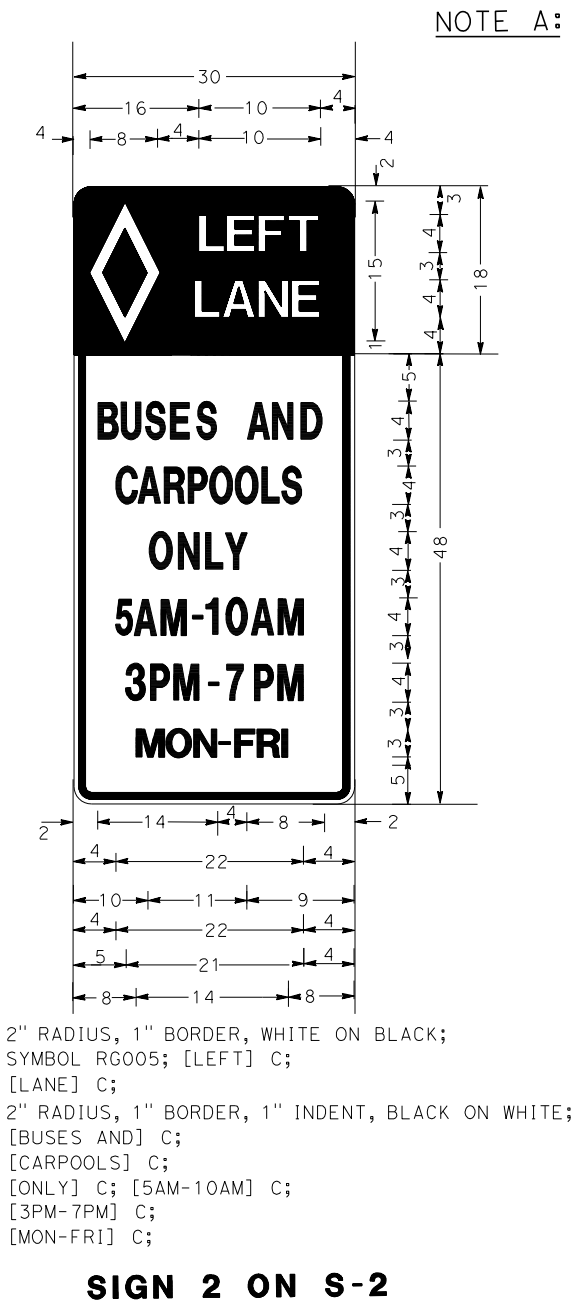
RELATIVE BORDER SCALE
IS IN INCHES


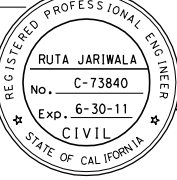


USERNAME => beshoy_demyan
DGN FILE => ...\\04_SF0BB\\SIGNS\\SF0BB-SD-1.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	77	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	78	101
 REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010					
PLANS APPROVAL DATE					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

SAN FRANCISCO-OAKLAND BAY BRIDGE
SIGN DETAILS

NO SCALE

SD-2

ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN

EFFECTIVE 7-1-10

TOLL XING FEE

AUTOS

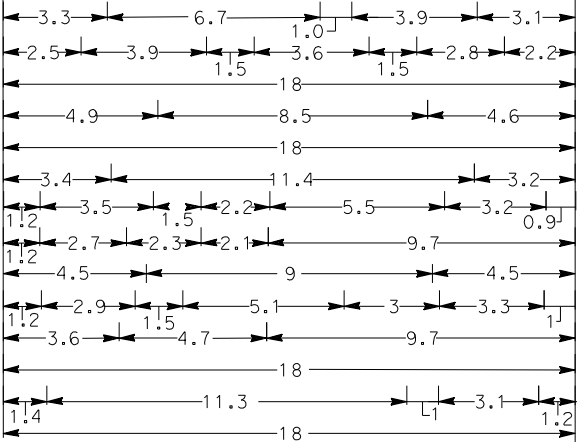
WEEKDAYS

5-10 AM \$6

3-7 PM

ALL OTHER TIMES \$4

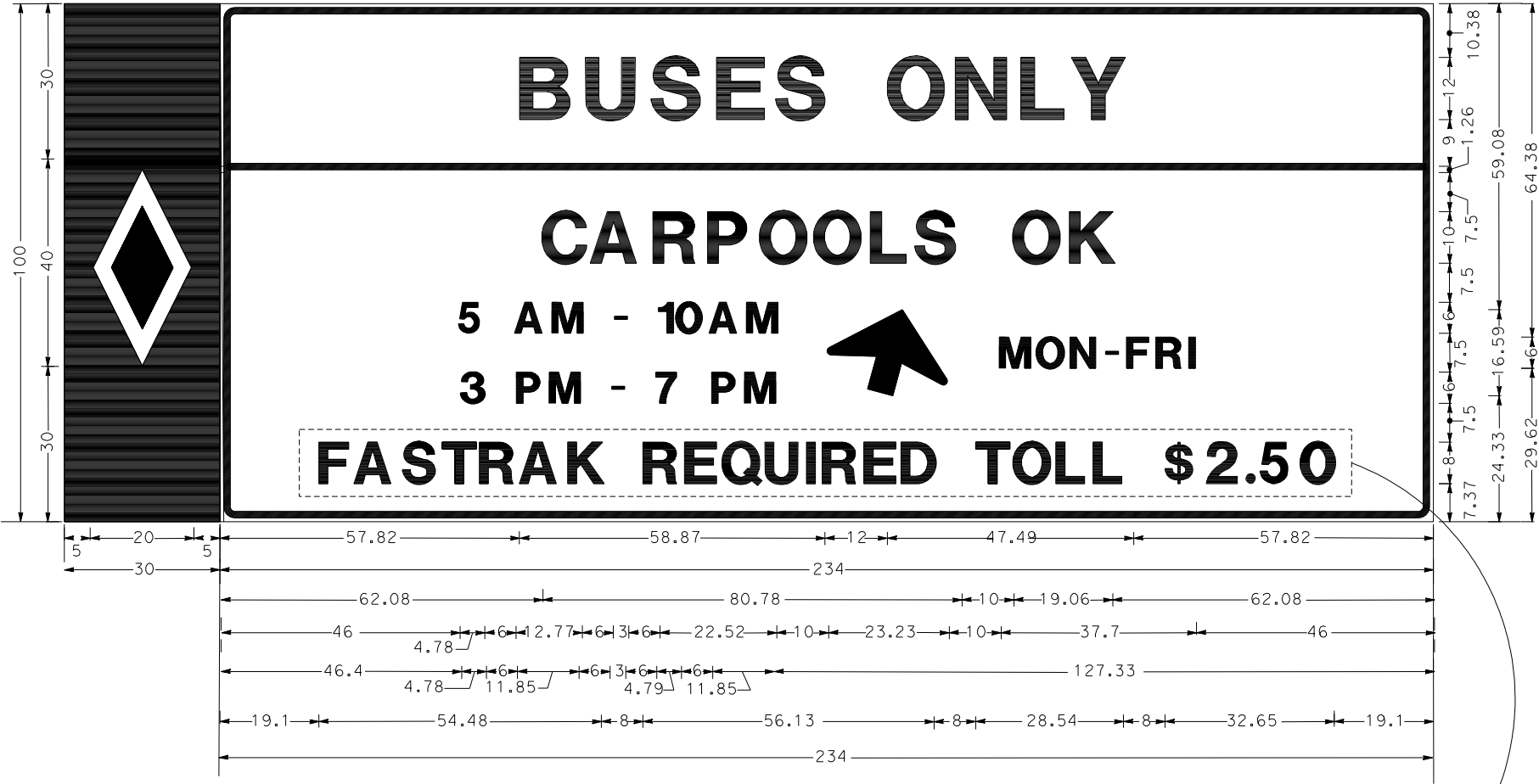
WEEKENDS \$5



SIGN 4 ON S-8 (REFER NOTE A)

NOTE A: CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING THIS SIGN UNTIL JUNE 30, 2010 AT WHICH TIME CONTRACTOR SHALL UNCOVER IT FOR A JULY 1, 2010 EFFECTIVE DATE.

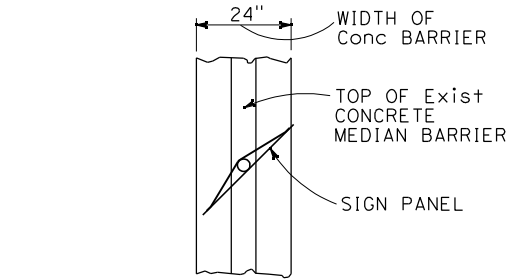
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN



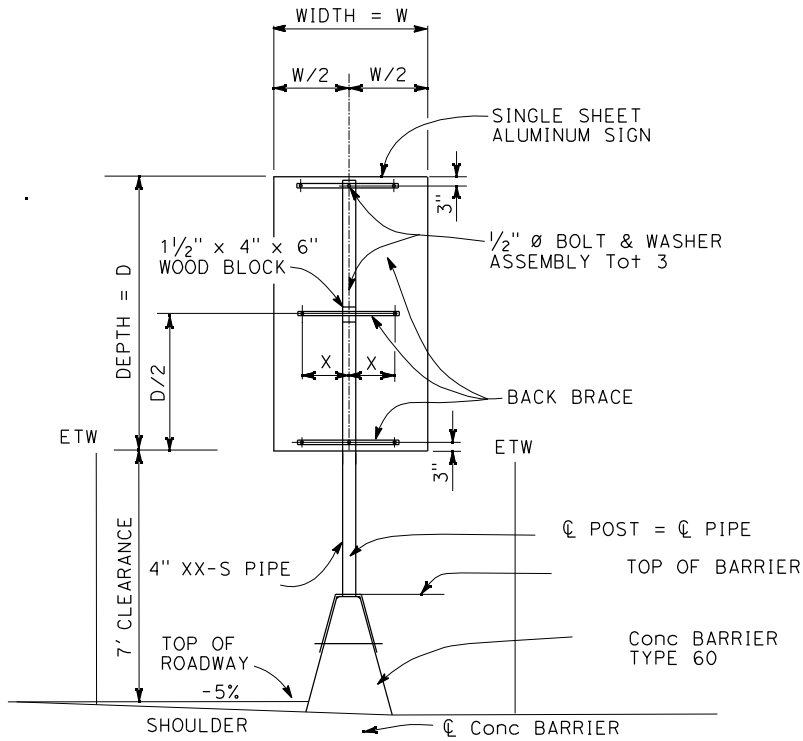
(REFER NOTE A)

SIGN B-10 ON S-3

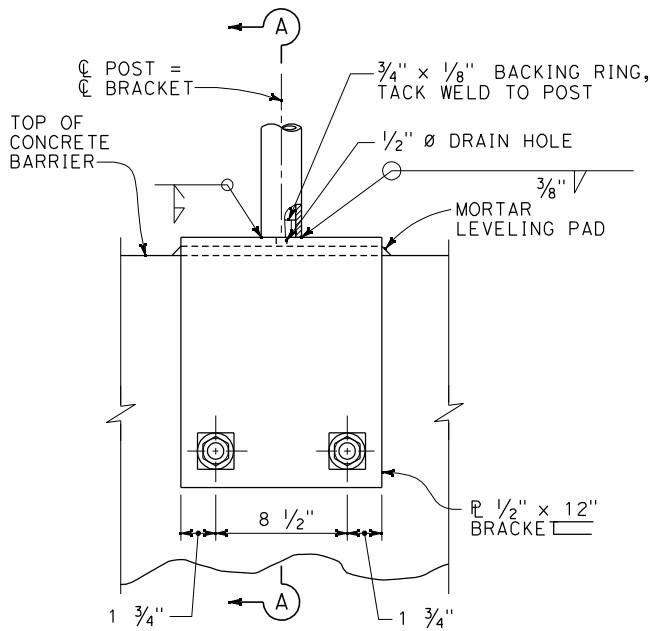
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80	1.8/3.0	79	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			REGISTERED PROFESSIONAL ENGINEER RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		



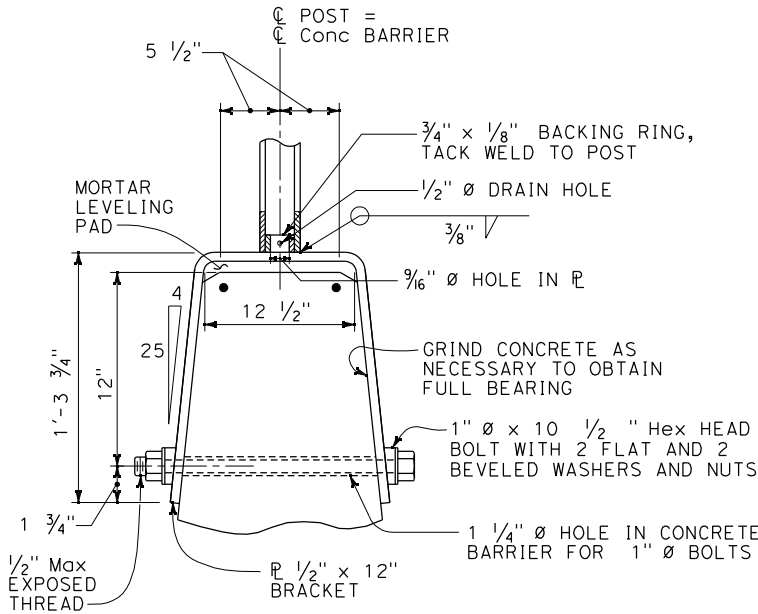
SKREW SIGN PANEL
INSTALLATION DETAIL



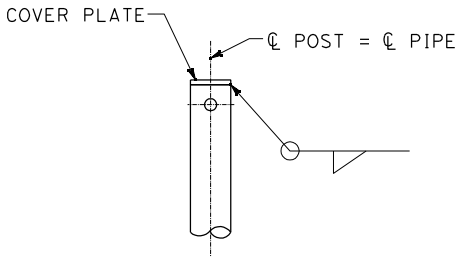
SIGN POST ON
CONCRETE BARRIER



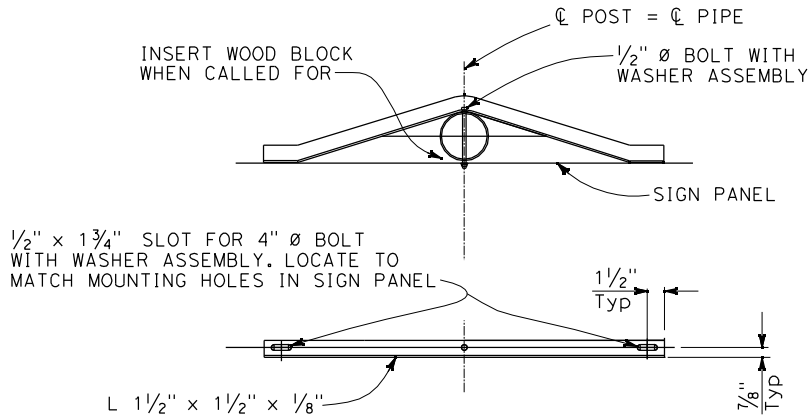
MOUNTING BRACKET



BASE PLATE AND ANCHORAGE DETAILS



TOP OF POST DETAIL



BACK BRACE DETAILS

- NOTES:
- FOR DETAILS NOT SHOWN SEE STANDARD PLANS
 - WASHER ASSEMBLY CONSISTS OF TWO FLAT WASHERS, NUT, FIBER WASHER AND JAM NUT.
 - ALL SIGN PANELS ARE CONTRACTOR FURNISHED.
 - ALL STEEL GALVANIZED AFTER FABRICATION.

SAN FRANCISCO-OAKLAND BAY BRIDGE
SIGN DETIALS

NO SCALE

ALL DIMENSIONS ARE IN
INCHES UNLESS OTHERWISE SHOWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

RUTVIJ PATEL

RUTA JARIWALA

REVISED BY

DATE REVISED

OVERHEAD SIGN QUANTITIES

SHEET No.	STRUCTURE No.	SIGN No.	SIGN CODE	PANEL SIZE	REPLACE SIGN PANEL (N)	INSTALL SIGN OVERLAY (N)	RELOCATE FRAMED SIGN PANEL	INSTALL NEW SIGN (N)	REMARKS
				FT x FT	EA	EA	EA	EA	
S-2	A	A-4	SPECIAL	-			1		RELOCATE EXISTING SIGN PANEL ON EXISTING STRUCTURE
S-2	A	A-5	SPECIAL	12.50 X 5.80				1	INSTALL NEW SIGN PANEL ON EXISTING STRUCTURE
S-3	B	B-10	SPECIAL	19.50 X 8.30	1				REPLACE EXISTING SIGN WITH NEW SIGN
S-3	C	C-11	SPECIAL	11.67 X 1.08		1			OVERLAY "BUSES AND" WITH "CARPOOLS ONLY"
S-3	C	C-12	SPECIAL	18.75 X 1.08		1			OVERLAY "CARPOOLS ONLY" WITH "FASTRAK REQUIRED TOLL \$2.50"
TOTAL					1	2	1	1	

(N) = NOT A SEPARATE PAY ITEM. FOR INFORMATION ONLY.

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL				OVERLAY (SINGLE SHEET/ OVERLAY FLAT/ NO RAD1/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE SINGLE SHEET		OVERHEAD			
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	PREMIUM	UNFRAMED			FRAMED		
											ALUMINUM			ALUMINUM		
											0.063"	0.080"		0.080"		
											SQFT			SQFT		
S-1	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-1	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-2	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-2	2	R86 SPECIAL	2.50 X 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75					
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-2	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-2	A-5	SPECIAL	12.50 X 5.80	72.50	X	WHITE	III	BLACK	PLAIN	X				72.50		
S-3	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	4	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	5	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	6	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	7	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	8	SPECIAL	7.00 X 9.00	63.00	X	WHITE	III	BLACK	PLAIN	X			63.00			
S-3	9	R86 SPECIAL	4.50 X 5.50	24.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X		24.75				
		SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-3	B-10	SPECIAL	22.00 X 8.33	183.33	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X				183.33		
S-3	C-11	SPECIAL	11.61 X 1.08	12.60	X	WHITE	III	BLACK	PLAIN	X					12.60	
S-3	C-12	SPECIAL	18.7 X 1.08	20.25	X	WHITE	III	BLACK	PLAIN	X					20.25	
S-4	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-4	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-4	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-5	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-5	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
S-5	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00					
SHEET TOTAL											108.75	24.75	63.00	255.83	32.85	

SAN FRANCISCO-OAKLAND BAY BRIDGE

NO SCALE

SIGN QUANTITIES

SQ-2

RELATIVE BORDER SCALE IS IN INCHES

0123

USERNAME => beshoy_demyan
DGN FILE => ... \04_SF0BB\SIGNS\SF0BB-SQ-2.dgn

BATA-005

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

04

Ala

80

1.8/3.0

84

101

REGISTERED CIVIL ENGINEER

DATE

2-5-10

February 8, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

LAST REVISION

DATE PLOTTED => 2/8/2010

TIME PLOTTED => 12:24:13 PM

00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

RUTVIJ PATEL

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

04

Ala

80

1.8/3.0

85

101

2-5-10
DATE

REGISTERED CIVIL ENGINEER

February 8, 2010
PLANS APPROVAL DATE

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL				OVERLAY (SINGLE SHEET/ OVERLAY FLAT/ NO RAD/ NO BORDER)	REMARKS	
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		OVERHEAD				
						SINGLE SHEET		FORMED									
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	UNFRAMED		FRAMED			WITH RSPF
												ALUMINUM		ALUMINUM			
												0.063"		0.080"			
						SQFT			SQFT	SQFT							
S-6	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00						
S-6	2	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00						
S-6	3	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00						
S-6	4	SPECIAL	7.00 X 9.00	63.00	X	WHITE	III	BLACK	PLAIN	X			63.00				
S-7	1	SPECIAL	2.50 X 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00						
S-8	2	SPECIAL	1.50 X 0.25	0.38	X	WHITE	III	-	-	X					0.38 X 18 = 6.84		
S-8	3	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X					0.30 X 18 = 5.40		
S-8	4	SPECIAL	1.50 X 2.00	3.00	X	WHITE	III	BLACK	PLAIN	X	3.00 X 18=54.00						
SHEET TOTAL											74.0	-	63.00	-	12.24		
TOTAL											182.75	24.75	126.00	255.83	45.09		

SAN FRANCISCO-OAKLAND BAY BRIDGE

NO SCALE

SIGN QUANTITIES

SQ-3

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

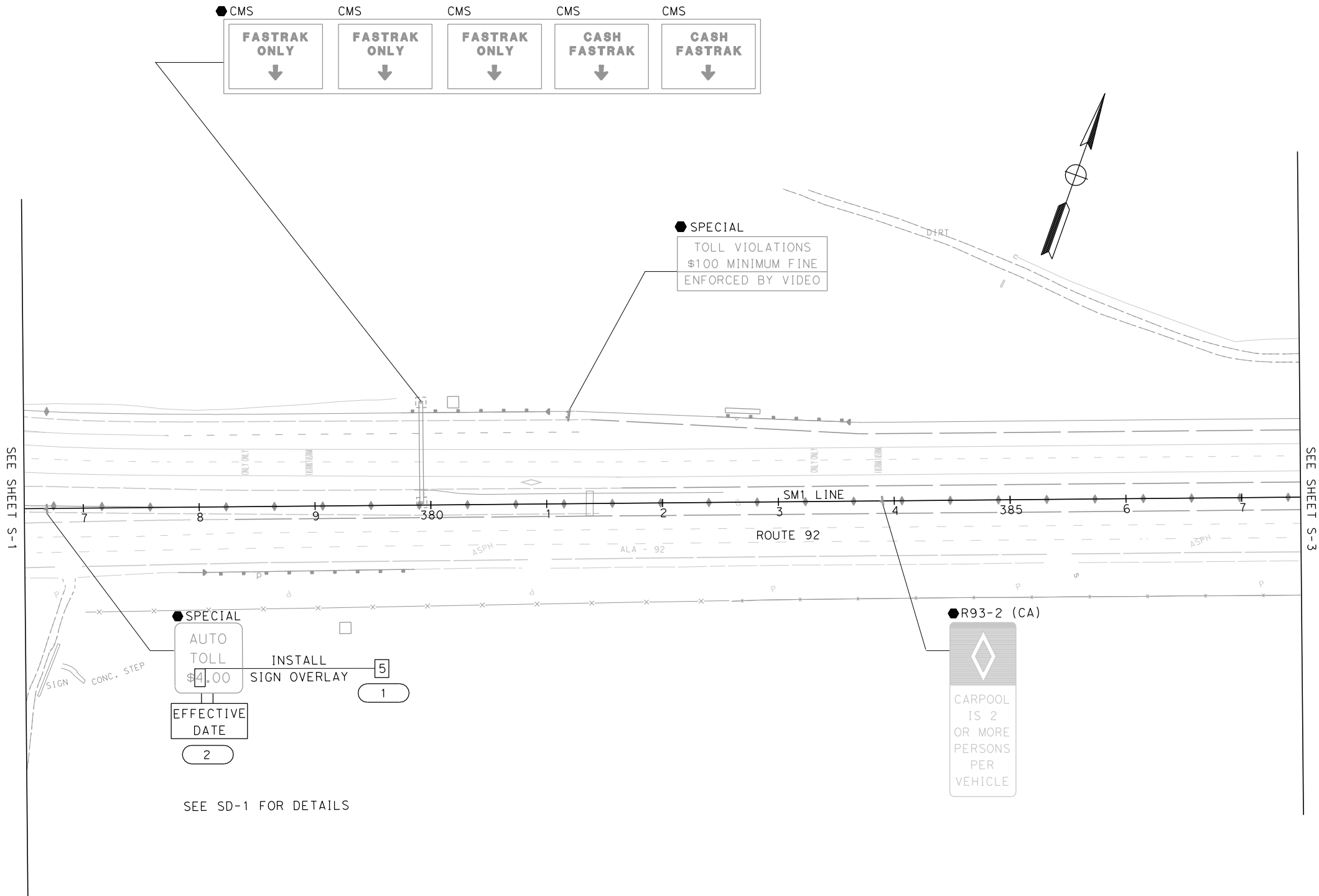
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BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 3:06:25 PM

LAST REVISION
00-00-00

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	87	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SAN MATEO-HAYWARD BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50'


S-2

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

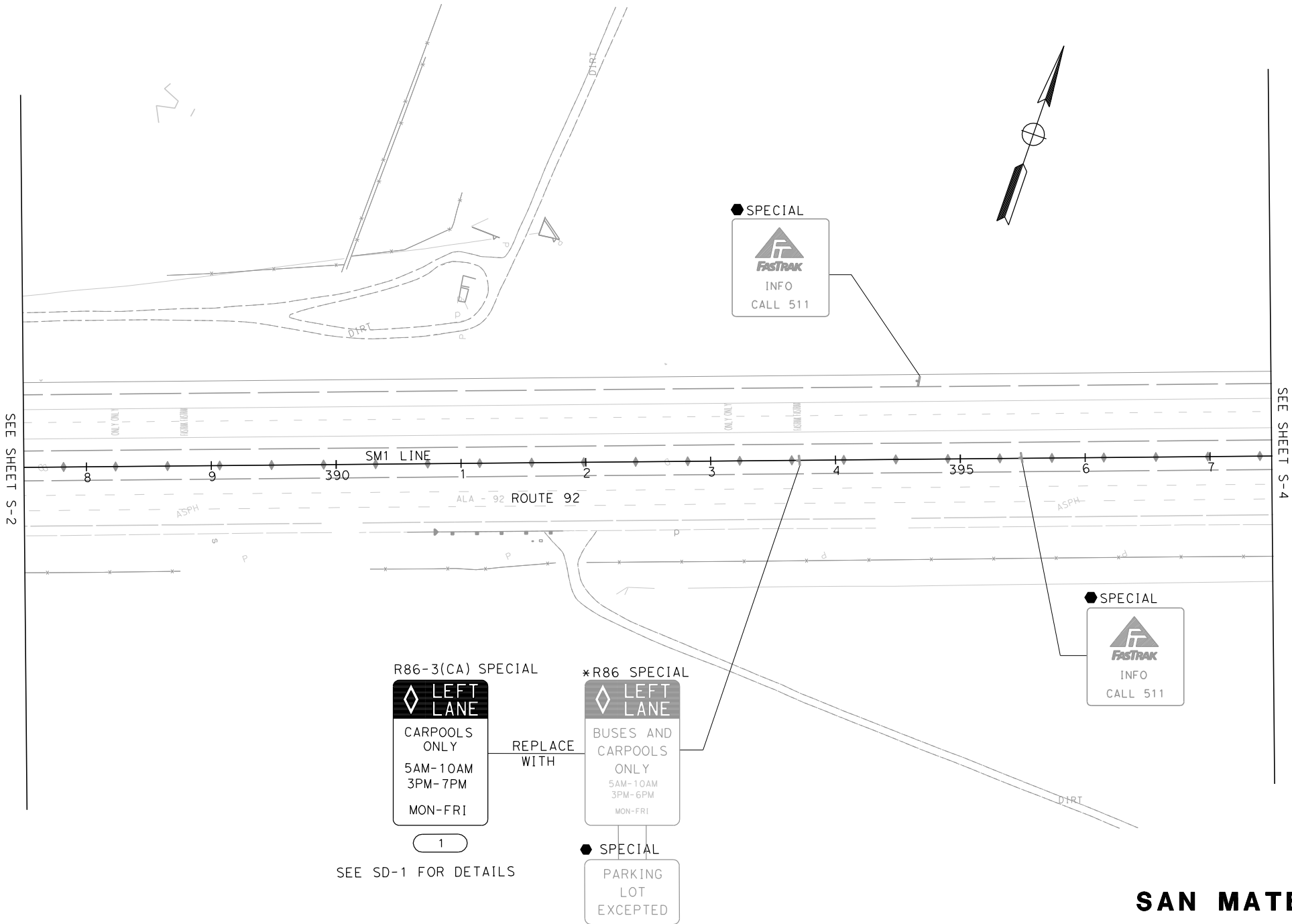


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BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION 	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		REVISED BY	
	RAMSEY HISSEN		CHECKED BY		DATE REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SAN MATEO-HAYWARD BRIDGE TOLLING SIGN PLANS

SCALE: 1"=50'

S-3

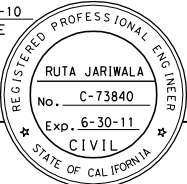
THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



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DGN FILE => ... \07_SanMateo\SIGNS\SM-3.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	88	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:32:45 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

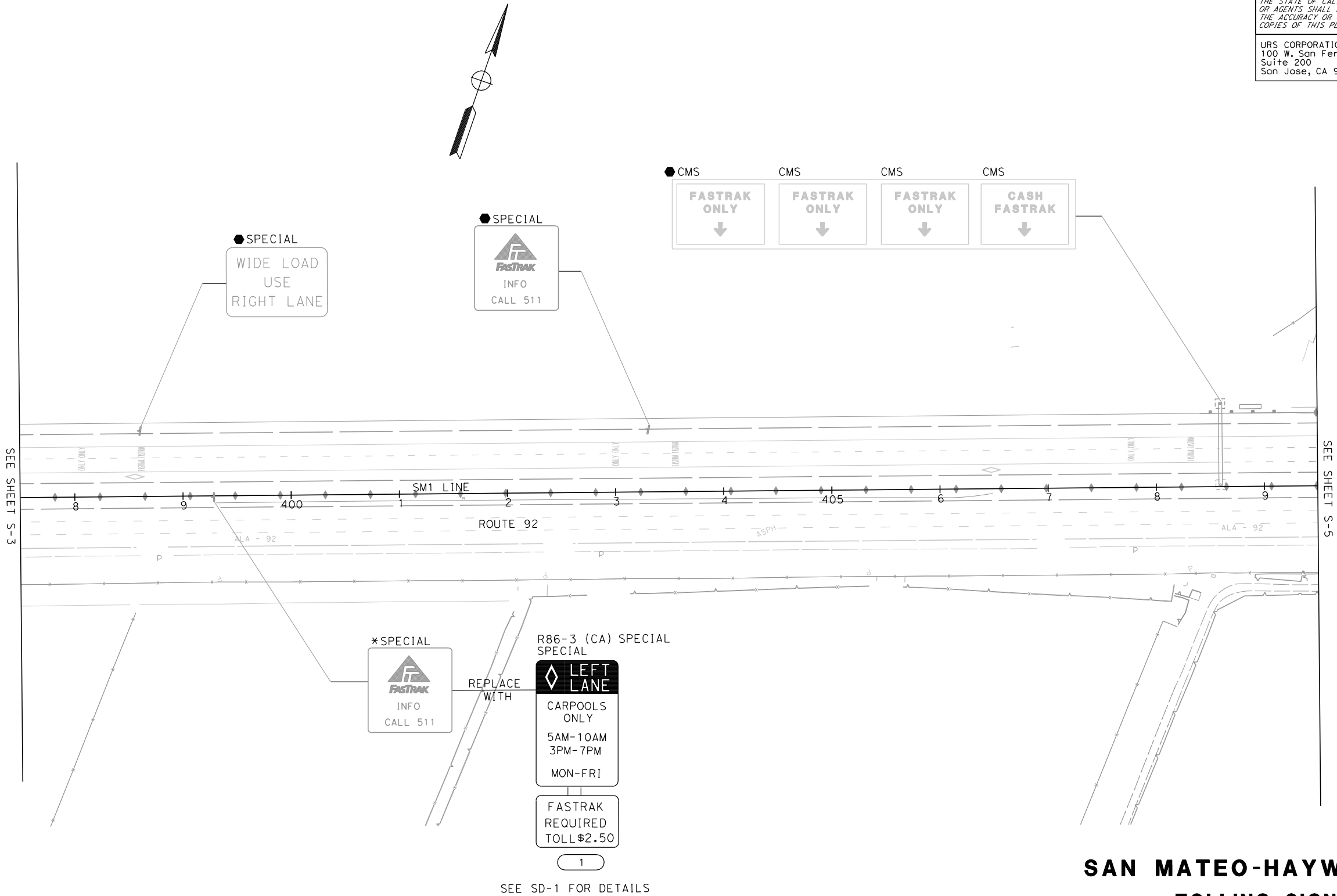
PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	89	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SAN MATEO-HAYWARD BRIDGE
TOLLING SIGN PLANS

SCALE: 1"=50'

S-4


THIS PLAN ACCURATE FOR SIGN WORK ONLY.



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BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:32:48 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION 	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED-DESIGNED BY		PRASHANTH DULLU	REVISED BY
	RAMSEY HISSEN		CHECKED BY		RUTA JARIWALA	DATE REVISED

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	91	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

REGISTERED PROFESSIONAL ENGINEER

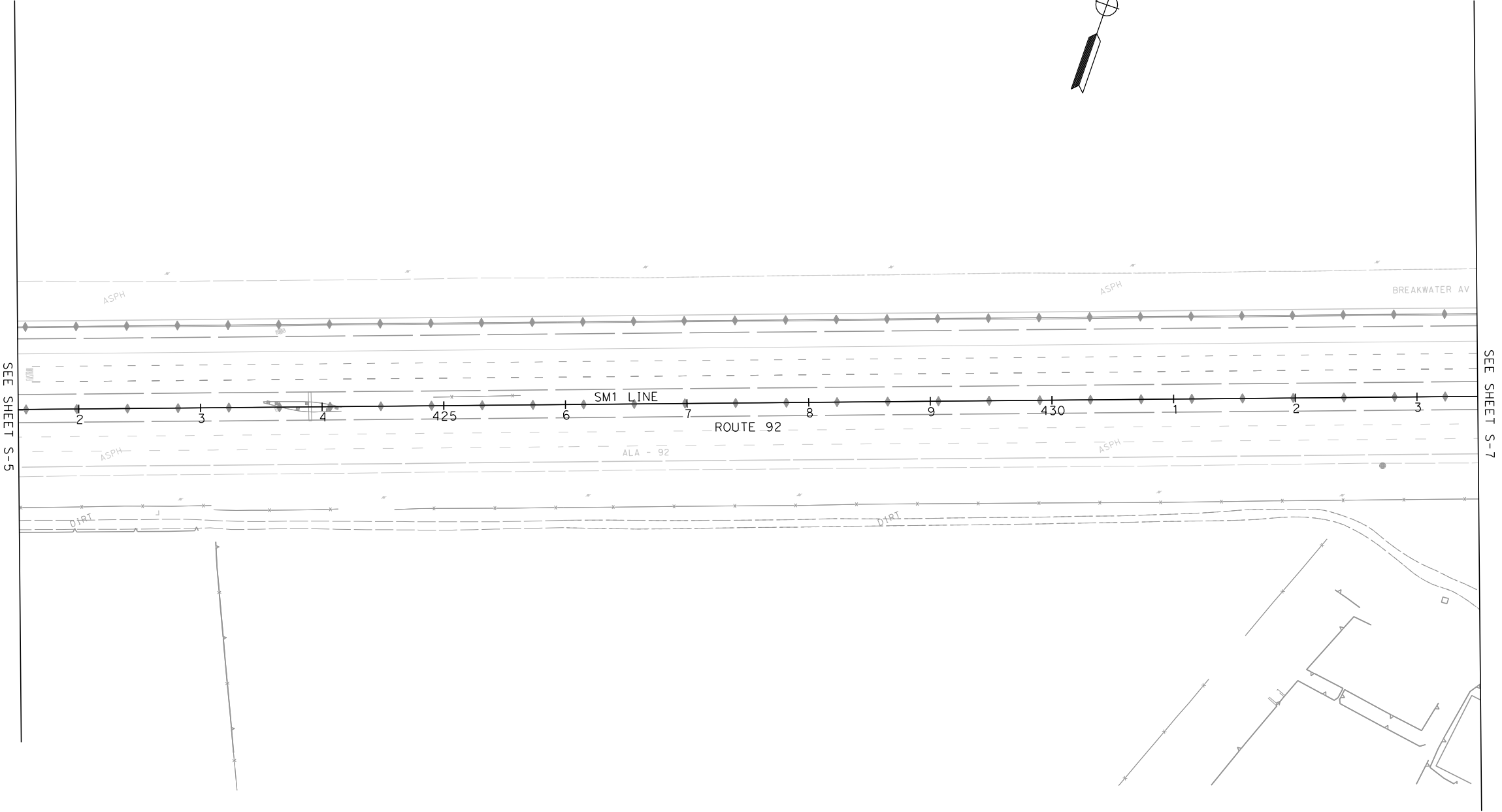
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



**SAN MATEO-HAYWARD BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50'

S-6

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

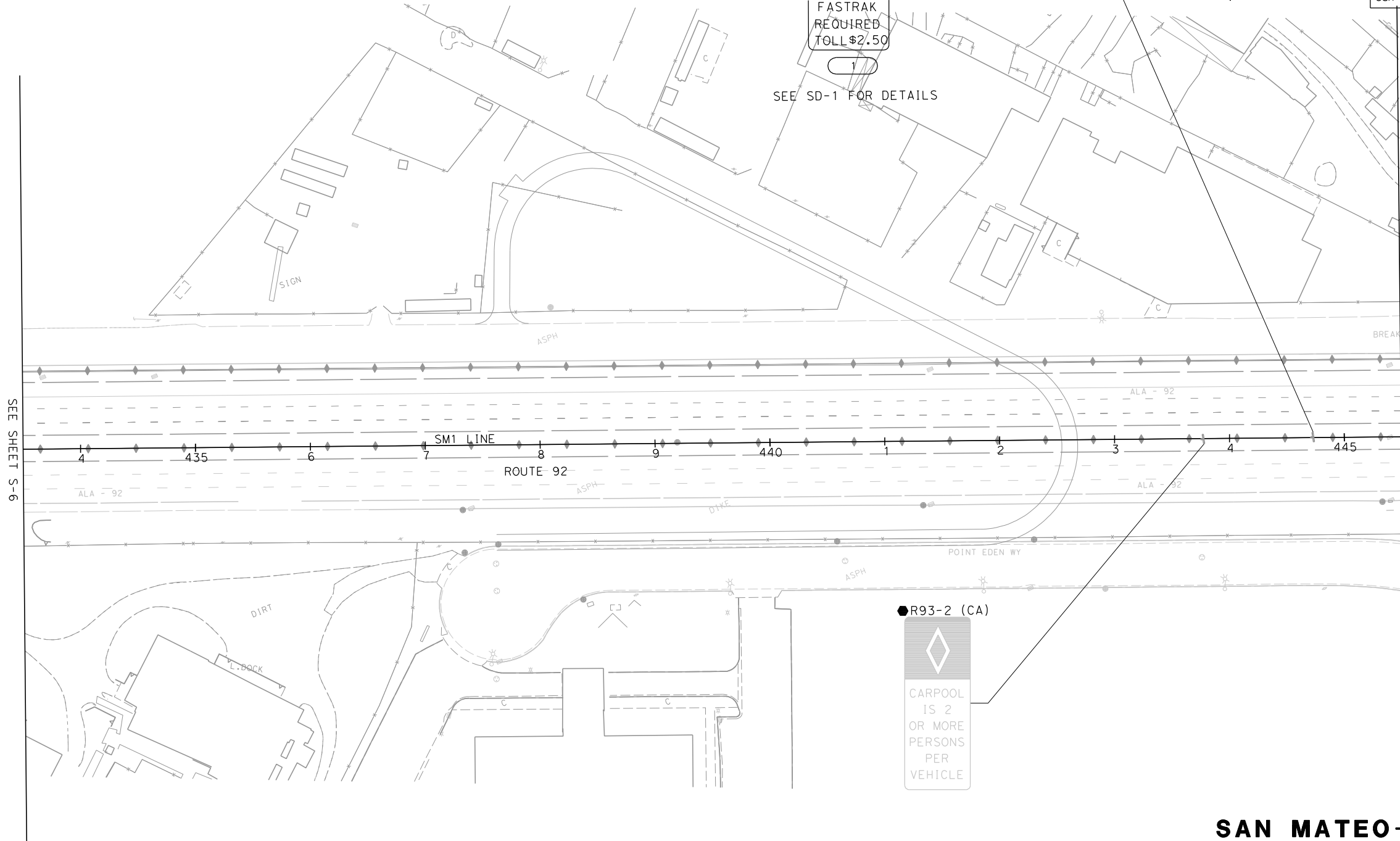


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BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:32:54 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	PRASHANTH DULLU	REVISED BY	
Caltrans	RAMSEY HISSEN	CHECKED BY	RUTA JARIWALA	DATE REVISED	

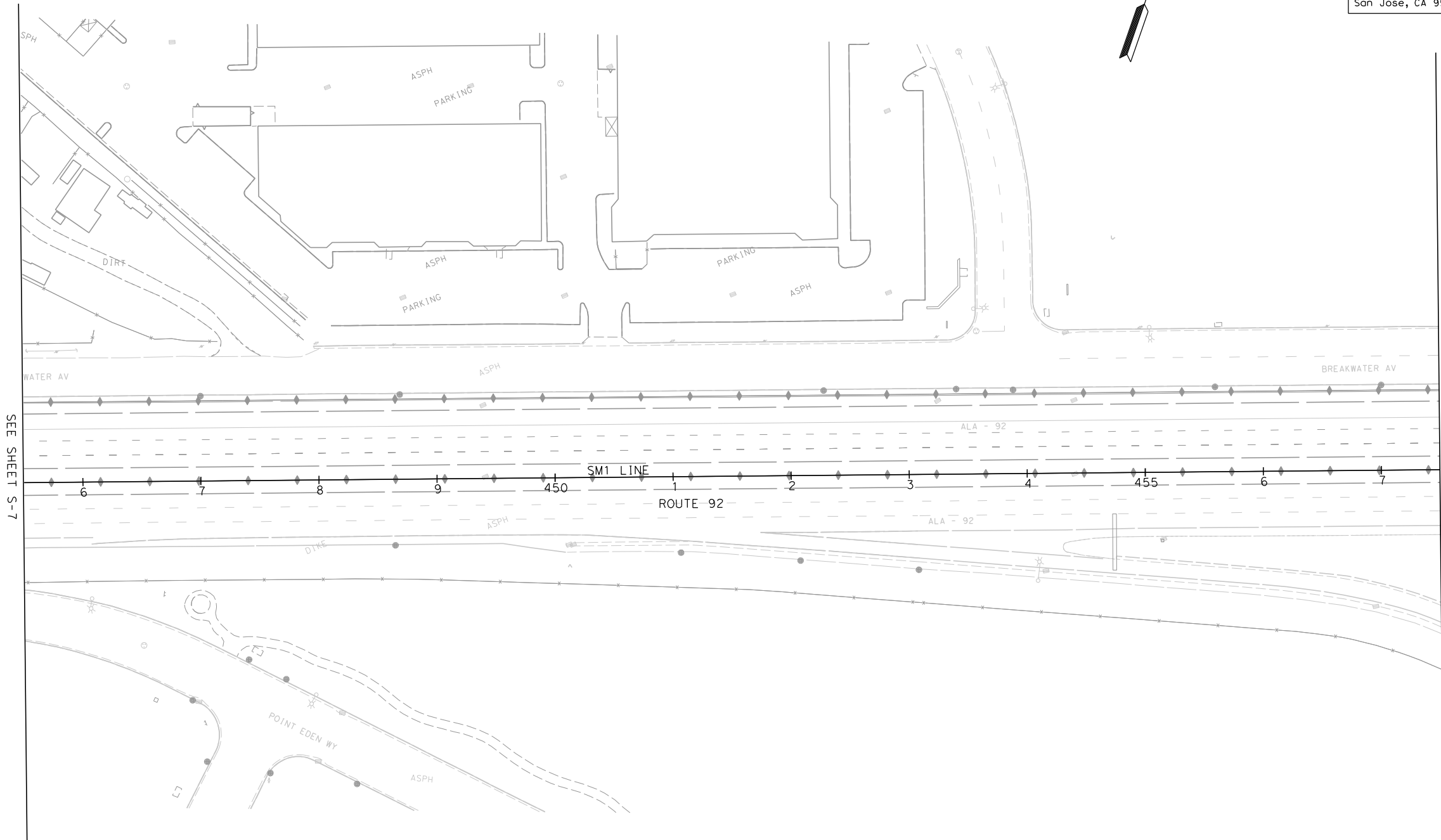


S-7

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	TIME PLOTTED => 12:32:57 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	REVISED BY	DATE	REVISOR	DATE
CONSULTANT FUNCTIONAL SUPERVISOR	REVISOR	REVISED BY	DATE	REVISOR	DATE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	REVISED BY	DATE	REVISOR	DATE

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**SAN MATEO-HAYWARD BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50'

S-8

THIS PLAN ACCURATE FOR SIGN WORK ONLY.



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DGN FILE => ...\\07_SanMateo\\SIGNS\\SM-8.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	93	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

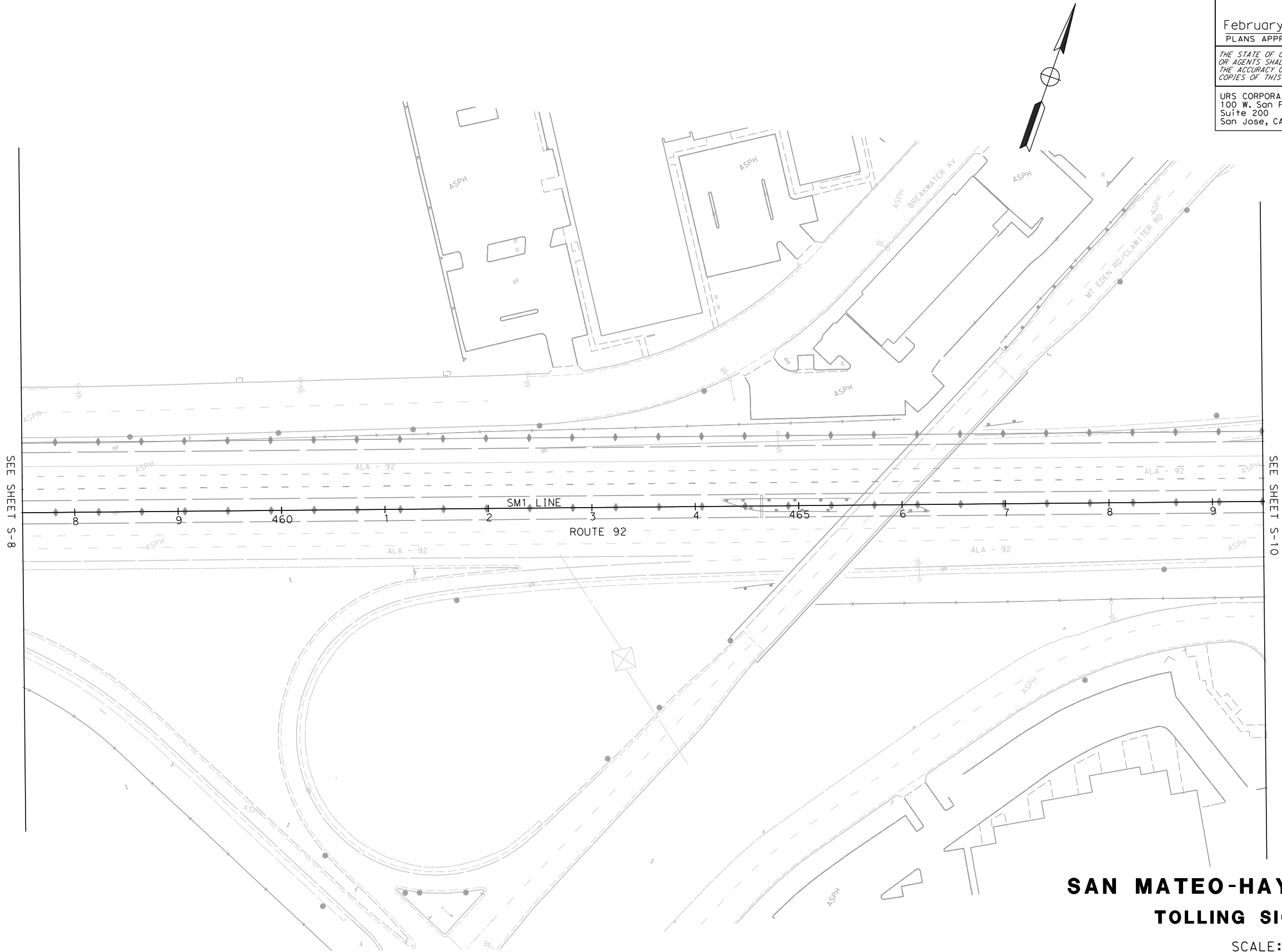
URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:33:00 PM
LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	REVISOR	DATE
RAMSEY HISSON	PRASHANTH DULLU	RUTA JARIWALA	REVISOR	DATE	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**SAN MATEO-HAYWARD BRIDGE
TOLLING SIGN PLANS**

SCALE: 1"=50'

S-9

THIS PLAN ACCURATE FOR SIGN WORK ONLY.



USERNAME => beshoy_demyan
DGN FILE => ...\\07_SanMateo\\SIGNS\\SM-9.dgn

BATA-005

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	94	101
REGISTERED CIVIL ENGINEER			2-5-10 DATE		
February 8, 2010			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.			<div>REGISTERED PROFESSIONAL ENGINEER RUTA JARIWALA No. C-73840 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA</div>		
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:33:03 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	PRASHANTH DULLU	REVISED BY	
Caltrans	RAWSEY HISSIN	CHECKED BY	RUTA JARIWALA	DATE REVISED	

SPECIAL

TOLL CROSSING ENTRANCE

GATE

ASP

CONC

DIRT PILES

SM LINE

ROUTE 92

ALA - 92

BERM

EDEN LANDING ROAD

ASP

GATE

PRODUCTION ASP

SPECIAL

TOLL CROSSING ENTRANCE

TOLLXING AXLES	FEE
2	\$ 4.00
3	\$ 6.00
4	\$ 8.25
5	\$ 11.25
6	\$ 12.00
7+	\$ 13.50

EFFECTIVE DATE

INSTALL SIGN OVERLAY

1

2 SEE SD-1 FOR DETAILS

R93-2 (CA)

CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

SPECIAL

TOLL CROSSING ENTRANCE

92 WEST

SEE SHEET S-9

SEE SHEET S-11

SAN MATEO-HOLLISTER TOLLING

REGISTERED
 February
 PLANS APPROVED
 THE STATE OF CALIFORNIA
 OR AGENTS SHALL BE RESPONSIBLE FOR THE ACCURACY OF THIS PLAN.
 URS CORPORATION
 100 W. San Antonio Avenue
 Suite 200
 San Jose, CA 95128

SCALE: 1":50'

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

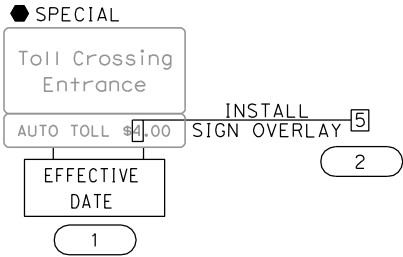
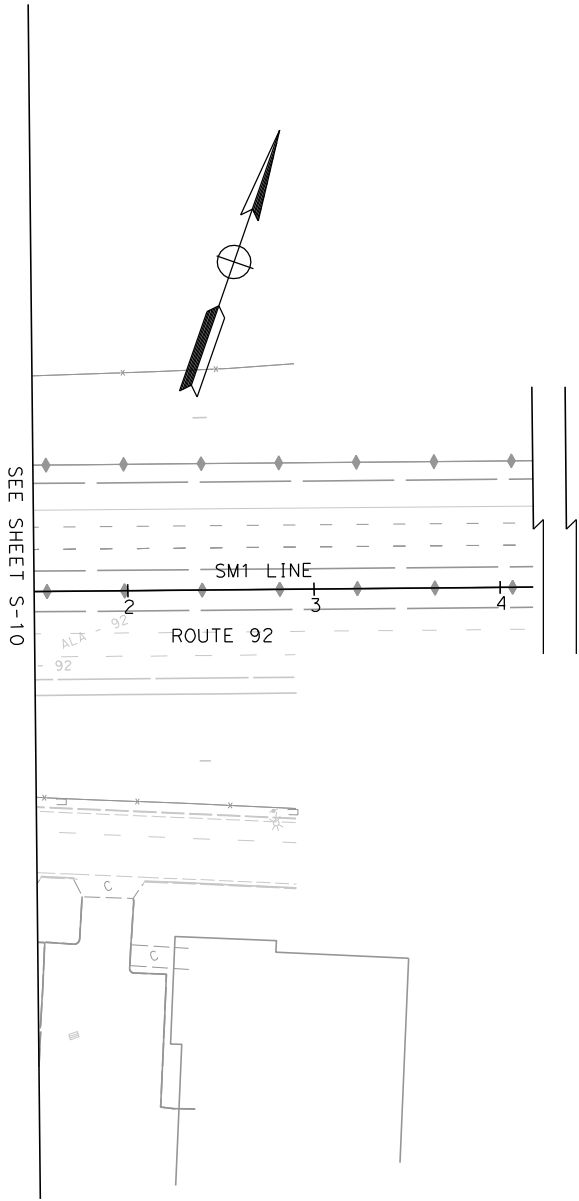
A horizontal number line with arrows at both ends. It has major tick marks labeled 0, 1, and 2. Between each major tick mark, there are four smaller tick marks, dividing each unit into five equal intervals of 0.2 units each.

BATA-005

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	TIME PLOTTED => 12:15:14 PM

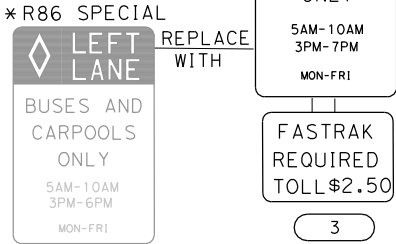
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR		CALCULATED- DESIGNED BY	PRASHANTH DULLU	REVISED BY	
	RAMSEY HISSEN					
ETC•Culttrans®			CHECKED BY	RUTA JARIWALA	DATE REVISED	

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SEE SD-1 FOR DETAILS

NOTE: SIGN LOCATED AT OFF-RAMP
TO INDUSTRIAL BLVD



SEE SD-1 FOR DETAILS



NOTE: SIGN LOCATED IN THE MEDIAN
AT HESPERIAN ON-RAMP

NOTE: SIGN LOCATED IN THE MEDIAN
BEFORE HESPERIAN BLVD OFF-RAMP

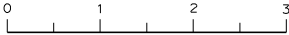
SAN MATEO-HAYWARD BRIDGE TOLLING SIGN PLANS

SCALE: 1"=50'


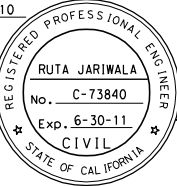
S-11

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME => beshoy_demyan
DGN FILE => ...\\07_SanMateo\\SIGNS\\SM-11.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	96	101
			2-5-10 DATE		
REGISTERED CIVIL ENGINEER					
February 8, 2010					
PLANS APPROVAL DATE					
<i>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</i>					
URS CORPORATION 100 W. San Fernando Street Suite 200 San Jose, CA 95113			BAY AREA TOLL AUTHORITY 101 EIGHTH STREET OAKLAND, CA 94607		

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:33:09 PM

LAST REVISION
00-00-00

BATA-005

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

REVISOR

DATE

REVISOR

DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	92	R2.6/R5.9	97	101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010
PLANS APPROVAL DATE

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COPIES OF THIS PLAN SHEET.

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

REGISTERED PROFESSIONAL ENGINEER

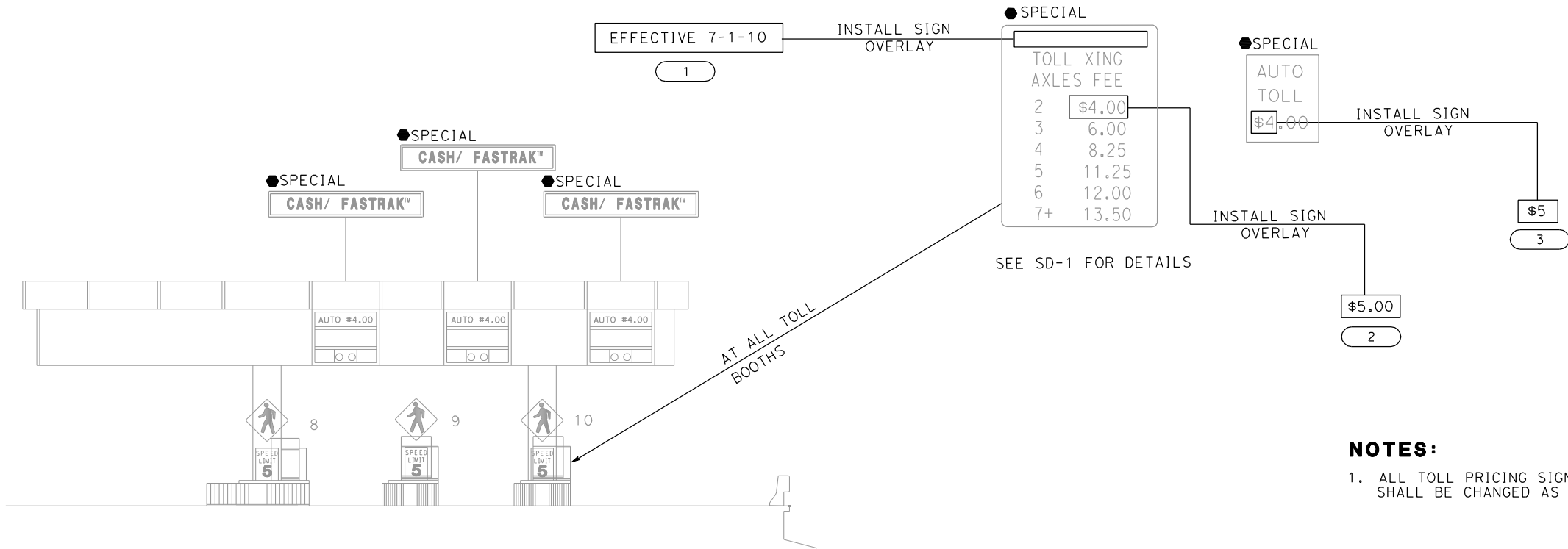
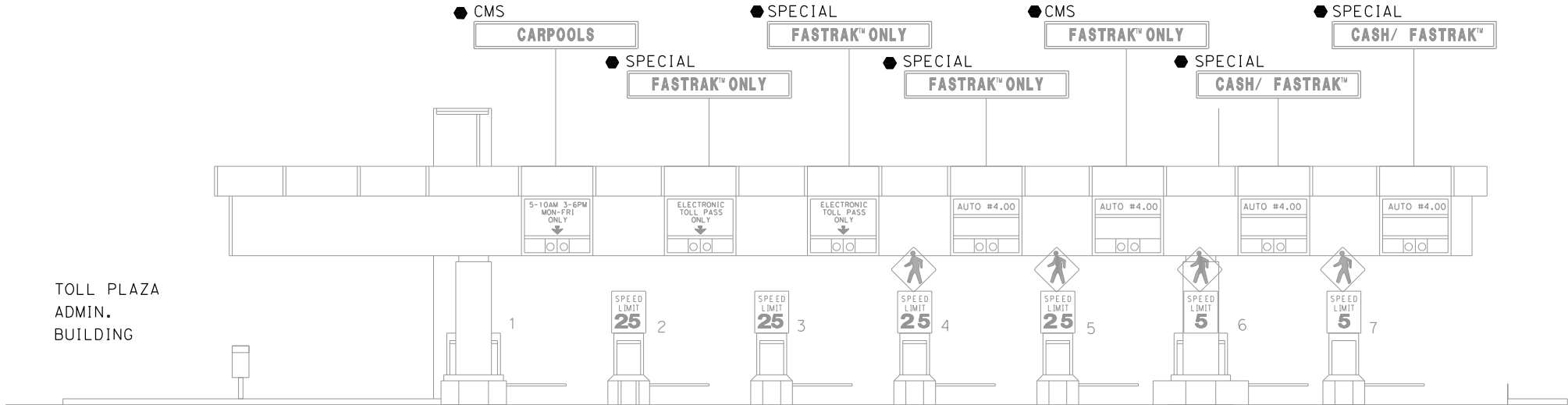
RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA



NOTES:

1. ALL TOLL PRICING SIGNS ON ALL TOLL BOOTHS SHALL BE CHANGED AS SHOWN.

SAN MATEO-HAYWARD BRIDGE

TOLLING SIGN PLANS

NO SCALE

S-12

THIS PLAN ACCURATE FOR SIGN WORK ONLY.

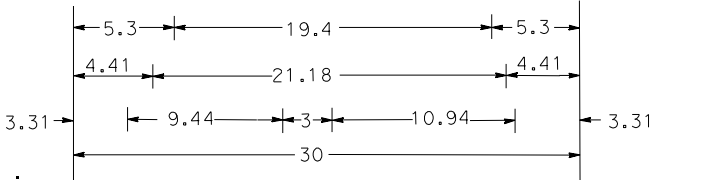
RELATIVE BORDER SCALE
IS IN INCHES

USERNAME => beshoy_demyan
DGN FILE => ...\\07_SanMateo\\SIGNS\\SM-12.dgn

BATA-005

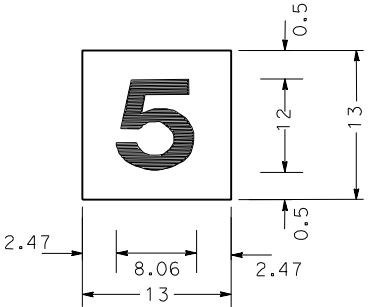
DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:33:11 PM

NOTE A: CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING THIS SIGN UNTIL JUNE 30, 2010 AT WHICH TIME CONTRACTOR SHALL UNCOVER IT FOR A JULY 1, 2010 EFFECTIVE DATE.



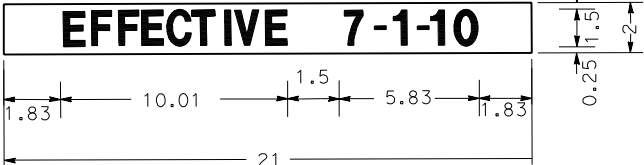
1.9" RADIUS, 0.8" BORDER, 0.5" INDENT, BLACK ON WHITE; "FASTRAK" C; "REQUIRED" C; "TOLL \$2.50" C;

- SIGN 1 ON S-1 (REFER NOTE A)
- SIGN 2 ON S-1 (REFER NOTE A)
- SIGN 1 ON S-4 (REFER NOTE A)
- SIGN 1 ON S-7 (REFER NOTE A)
- SIGN 3 ON S-11 (REFER NOTE A)



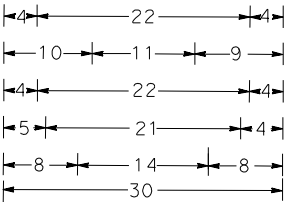
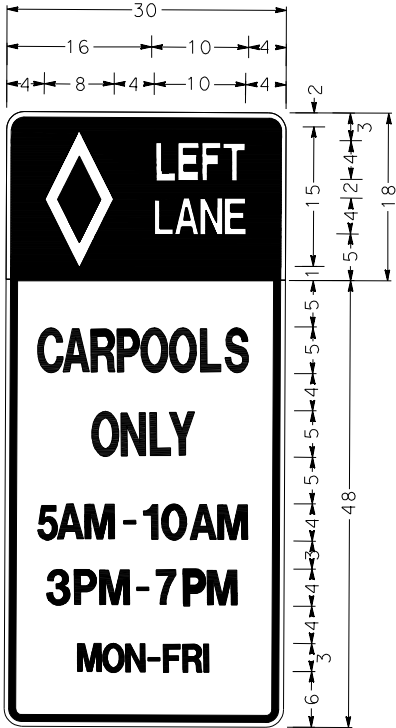
NO BORDER, NONE ON WHITE; [5] BLACK D;

SIGN 1 ON S-2



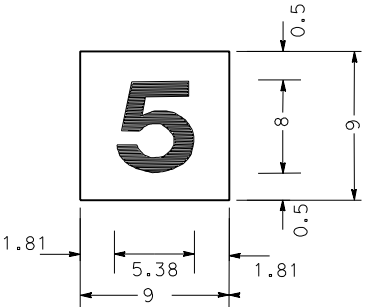
NO BORDER, NONE ON WHITE; [EFFECTIVE 7-1-10] BLACK D;

SIGN 1 ON S-12



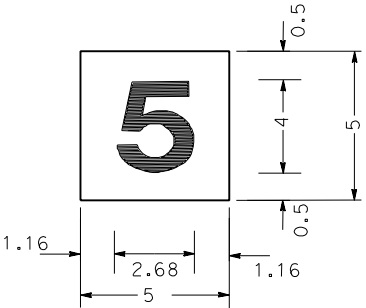
2" RADIUS, 1" BORDER, WHITE ON BLACK; SYMBOL RG005; [LEFT] C; [LANE] C; 2" RADIUS, 1" BORDER, 1" INDENT, BLACK ON WHITE; [CARPOOLS] B; [ONLY] B; [5AM-10AM] C; [3PM-7PM] C; [MON-FRI] C;

- SIGN 1 ON S-3
- SIGN 1 ON S-4
- SIGN 1 ON S-5
- SIGN 1 ON S-7
- SIGN 3 ON S-11



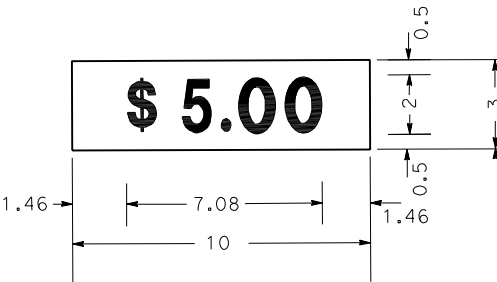
NO BORDER, NONE ON WHITE; [5] BLACK D;

SIGN 2 ON S-11



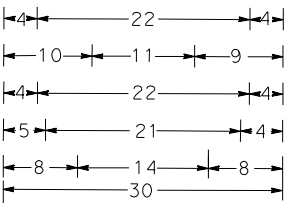
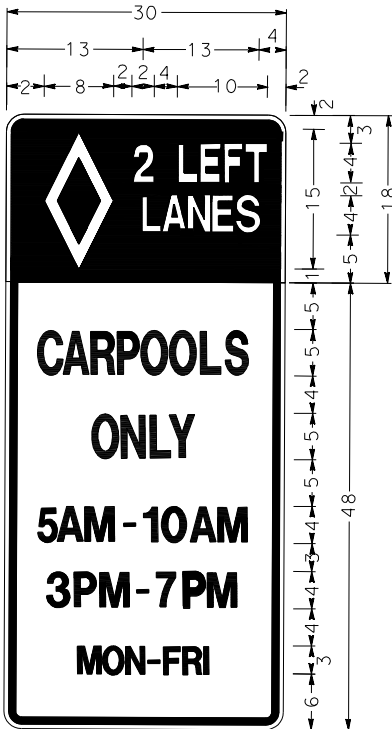
NO BORDER, NONE ON WHITE; [5] BLACK D;

SIGN 1 ON S-10



NO BORDER, NONE ON WHITE; [\$5.00] BLACK D;

SIGN 2 ON S-12



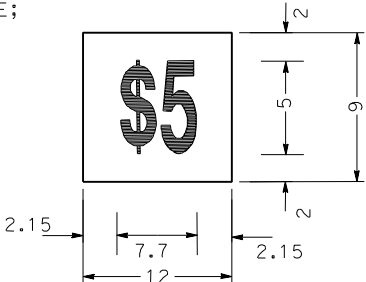
2" RADIUS, 1" BORDER, WHITE ON BLACK; SYMBOL RG005; [2 LEFT] C; [LANES] C; 2" RADIUS, 1" BORDER, 1" INDENT, BLACK ON WHITE; [CARPOOLS] B; [ONLY] B; [5AM-10AM] C; [3PM-7PM] C; [MON-FRI] C;

- SIGN 1 ON S-1
- SIGN 2 ON S-1



1.5" RADIUS, 0.4" BORDER, 0.4" INDENT, BLACK ON WHITE; [EFFECTIVE] D; [7-1-10] D;

- SIGN 2 ON S-2
- SIGN 2 ON S-10
- SIGN 1 ON S-11



NO BORDER, NONE ON WHITE; [5] BLACK D;

SIGN 3 ON S-12

SAN MATEO-HAYWARD BRIDGE SIGN DETIALS

NO SCALE

SD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

04

COUNTY

Ala

ROUTE

92

POST MILES
TOTAL PROJECT

R2.6/R5.9

SHEET
No.

100

TOTAL
SHEETS

101

2-5-10

DATE

REGISTERED CIVIL ENGINEER

February 8, 2010

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS
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URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	INSTALL SIGN OVERLAY (N)	REPLACE SIGN PANEL (ROADSIDE SIGN)	REMARKS
			FT x FT	EA	EA	EA	
S-1	1	R86 SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
		SPECIAL	2.50 X 2.00	1			ADD "FASTRAK REQUIRED TOLL \$2.50" TO EXISTING POST
S-1	2	R86 SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
		SPECIAL	2.50 X 2.00	1			ADD "FASTRAK REQUIRED TOLL \$2.50" TO EXISTING POST
S-2	1	SPECIAL	1.08 X 1.08		1		OVERLAY "4" WITH "5"
S-2	2	SPECIAL	3.00 X 1.50	1			OVERLAY "EFFECTIVE DATE" TO THE EXISTING SIGN
S-3	1	R86-3(CA) SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
S-4	1	R86-3(CA) SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
		SPECIAL	2.50 X 2.00	1			ADD "FASTRAK REQUIRED TOLL \$2.50" TO EXISTING POST
S-5	1	R86-3(CA) SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
S-7	1	R86-3(CA) SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN
		SPECIAL	2.50 X 2.00	1			ADD "FASTRAK REQUIRED TOLL \$2.50" TO EXISTING POST
S-10	1	SPECIAL	0.42 X 0.42		1		OVERLAY "4" WITH "5"
S-10	2	SPECIAL	3.00 X 1.50	1			ADD "EFFECTIVE DATE" TO THE EXISTING SIGN
S-11	1	SPECIAL	3.00 X 1.50	1			ADD "EFFECTIVE DATE" TO THE EXISTING SIGN
S-11	2	SPECIAL	0.75 X 0.75		1		OVERLAY "4" WITH "5"
S-11	3	R86-3(CA) SPECIAL	2.50 x 5.50			1	REPLACE THE EXISTING SIGN WITH NEW SIGN PANEL
		SPECIAL	2.50 X 2.00	1			ADD "FASTRAK REQUIRED TOLL \$2.50" TO EXISTING POST
S-12	1	SPECIAL	1.75 X 0.17		10		OVERLAY "EFFECTIVE DATE" TO THE EXISTING SIGN
S-12	2	SPECIAL	0.83 X 0.25		10		OVERLAY "\$4.00" WITH "\$5.00"
S-12	3	SPECIAL	1.00 X 0.75		10		OVERLAY "\$4" WITH "\$5"
TOTAL				8	33	7	

(N) = NOT A SEPARATE PAY ITEM. FOR INFROMATION ONLY.

SAN MATEO-HAYWARD BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-1

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan
DGN FILE => ... \07_SanMateo\SIGNS\SM-SQ-1.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 12:33:31 PM

LAST REVISION
00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR

RAMSEY HISSEN

CALCULATED-DESIGNED BY

CHECKED BY

PRASHANTH DULLU

RUTA JARIWALA

REVISED BY

DATE REVISED

Dist

04

COUNTY

Ala

ROUTE

92

POST MILES
TOTAL PROJECT

R2.6/R5.9

SHEET
No.

101

TOTAL
SHEETS

101

REGISTERED CIVIL ENGINEER

2-5-10
DATE

February 8, 2010

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

RUTA JARIWALA

No. C-73840

Exp. 6-30-11

CIVIL

STATE OF CALIFORNIA

URS CORPORATION
100 W. San Fernando Street
Suite 200
San Jose, CA 95113

BAY AREA TOLL AUTHORITY
101 EIGHTH STREET
OAKLAND, CA 94607

SIGN PANEL SUMMARY

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	AREA	SINGLE FACED	SIZE FACING MATERIAL					SIGN PANEL SUBSTRATE MATERIAL	OVERLAY (SINGLE SHEET OVERLAY FLAT/ NO RADI/ NO BORDER)	REMARKS
						BACKGROUND		LEGEND		PROTECTIVE FILM	ROADSIDE		
						SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	PREMIUM	SINGLE SHEET UNFRAMED ALUMINUM (0.063")		
											SOFT		
S-1	1	R86 SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-1	2	R86 SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-2	1	SPECIAL	1.08 X 1.08	1.17	X	WHITE	III	BLACK	PLAIN	X		1.17	
S-2	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-3	1	R86-3(CA) SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
S-4	1	R86-3(CA) SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-5	1	R86-3(CA) SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
S-7	1	R86-3(CA) SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-10	1	SPECIAL	0.42 X 0.42	0.18	X	WHITE	III	BLACK	PLAIN	X		0.18	
S-10	2	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-11	1	SPECIAL	3.00 X 1.50	4.50	X	WHITE	III	BLACK	PLAIN	X	4.50		
S-11	2	SPECIAL	0.75 X 0.75	0.56	X	WHITE	III	BLACK	PLAIN	X		0.56	
S-11	3	R86-3(CA) SPECIAL	2.50 x 5.50	13.75	X	WHITE/BLACK	III/PLAIN	WHITE/BLACK	III/PLAIN	X	13.75		
		SPECIAL	2.50 x 2.00	5.00	X	WHITE	III	BLACK	PLAIN	X	5.00		
S-12	1	SPECIAL	1.75 X 0.17	0.30	X	WHITE	III	BLACK	PLAIN	X		0.30 X 10 = 3.0	TOTAL OF 10 SIGNS
S-12	2	SPECIAL	0.83 X 0.25	0.21	X	WHITE	III	BLACK	PLAIN	X		0.21 X 10 = 2.1	TOTAL OF 10 SIGNS
S-12	3	SPECIAL	1.00 X 0.75	0.75	X	WHITE	III	BLACK	PLAIN	X		0.75 X 10 = 7.5	TOTAL OF 10 SIGNS
TOTAL											134.75	14.51	

SAN MATEO-HAYWARD BRIDGE

SIGN QUANTITIES

NO SCALE

SQ-2

RELATIVE BORDER SCALE
IS IN INCHES

0

1

2

3

USERNAME => beshoy_demyan
DGN FILE => ... \07_SanMateo\SIGNS\SM-SQ-2.dgn

BATA-005

DATE PLOTTED => 2/8/2010
TIME PLOTTED => 3:00:42 PM

LAST REVISION
00-00-00